

# PSB/RSB

## Metallized Polypropylene Film Capacitors

Radial Leaded with Double Sided Electrodes



### FEATURES

Power Semiconductor Module Protection - High Pulse  
and rms Current - Multiple Leads

### APPLICATIONS

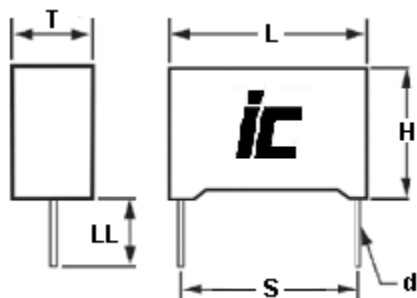
Power Semiconductor Circuits - Resonant Circuits -  
Induction Heaters - Switching Power Supplies

|                                                                     |                                                                                     |       |             |                                 |             |                                                                            |             |      |             |
|---------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------|-------------|---------------------------------|-------------|----------------------------------------------------------------------------|-------------|------|-------------|
| Operating Temperature Range                                         | PSB: -40°C to +100°C, observing voltage and current derating<br>RSB: -40°C to +85°C |       |             |                                 |             |                                                                            |             |      |             |
| Capacitance Tolerance                                               | +10% at 1 kHz, 25°C<br>+5% optional                                                 |       |             |                                 |             |                                                                            |             |      |             |
| Non-Recurrent SVDC                                                  | WVDC                                                                                | 700   | 850         | 1000                            | 1200        | 1500                                                                       | 2000        | 2500 | 3000        |
|                                                                     | VAC (RSB)                                                                           | 1100  | 1300 (1200) | 1550 (1300)                     | 1750 (1600) | 2200                                                                       | 2600 (2400) | 3300 | 4000 (3500) |
| AC voltage (50/60 Hz)                                               | WVDC                                                                                | 700   | 850         | 1000                            | 1200        | 1500                                                                       | 2000        | 2500 | 3000        |
|                                                                     | VAC                                                                                 | 420   | 500         | 575                             | 630         | 650                                                                        | 700         | 725  | 750         |
| Dissipation Factor (MAX)<br>25°C                                    | For T>+85°C , The voltage (DC/AC) must be decreased by (1.5/2.5)% per °C            |       |             |                                 |             |                                                                            |             |      |             |
|                                                                     | Frequency (kHz)                                                                     | C≤1uF |             | C>1uF                           |             |                                                                            |             |      |             |
|                                                                     | 1                                                                                   | 0.05% |             | 0.06%                           |             |                                                                            |             |      |             |
| Insulation Resistance @25°C (<70% RH)for 1 minute at 100VDC applied | Insulation Resistance                                                               |       |             |                                 |             |                                                                            |             |      |             |
|                                                                     | 30000 MΩxuF (not to exceed 30GΩ)                                                    |       |             |                                 |             |                                                                            |             |      |             |
| Self Inductance                                                     | <1 nano-Henry per mm of lead spacing                                                |       |             |                                 |             |                                                                            |             |      |             |
| Capacitance Drift Factor                                            | <0.5% after 2 years at 40°C                                                         |       |             |                                 |             |                                                                            |             |      |             |
| Life Expectancy                                                     | 100000 Hours @WVDC<br>30000 Hours @ VAC                                             |       |             |                                 |             |                                                                            |             |      |             |
|                                                                     | Capacitance Change                                                                  |       |             | ≤3% of initially measured value |             |                                                                            |             |      |             |
| Failure quota                                                       | 300/ Billion component hours                                                        |       |             |                                 |             |                                                                            |             |      |             |
| Damp Heat test                                                      | 56 days at40°C with 90 to 95%RH, +40°C and no voltage applied                       |       |             |                                 |             |                                                                            |             |      |             |
|                                                                     | Capacitance Change                                                                  |       |             | ≤2% of initially measured value |             |                                                                            |             |      |             |
|                                                                     | Dissipation Factor                                                                  |       |             | ≤0.001 at 1kHz and 25°C         |             |                                                                            |             |      |             |
|                                                                     | Insulation Resistance                                                               |       |             | ≥50% of maximum specified value |             |                                                                            |             |      |             |
| Self Inductance                                                     | <1 nano-Henry per mm of lead spacing                                                |       |             |                                 |             |                                                                            |             |      |             |
| Capacitance Drift Factor                                            | <0.5% after 2 years at 40°C                                                         |       |             |                                 |             |                                                                            |             |      |             |
| Capacitance Temperature Coefficient                                 | -200 ppm/°C, ±100ppm/°C                                                             |       |             |                                 |             |                                                                            |             |      |             |
| Dielectric Strength                                                 | Terminal to Terminal                                                                |       |             |                                 |             | Terminal to case                                                           |             |      |             |
|                                                                     | 160% of rated VDC or 150% VAC applied for 2 Seconds and 25°C                        |       |             |                                 |             | 3kVAC @ 50/60 Hz applied between terminals and case for 60 seconds at 25°C |             |      |             |
| Dielectric                                                          | Polypropylene                                                                       |       |             |                                 |             |                                                                            |             |      |             |
| Construction                                                        | Double Metallized film with internal series connections                             |       |             |                                 |             |                                                                            |             |      |             |
| Coating                                                             | Flame Retardant plastic box with epoxy resin (UL94V-0)                              |       |             |                                 |             |                                                                            |             |      |             |
| Leads                                                               | Lead free tinned copper leads                                                       |       |             |                                 |             |                                                                            |             |      |             |

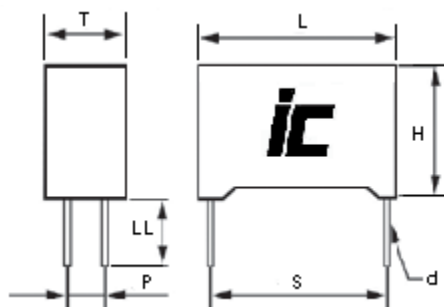
# PSB/RSB

## Metallized Polypropylene Film Capacitors

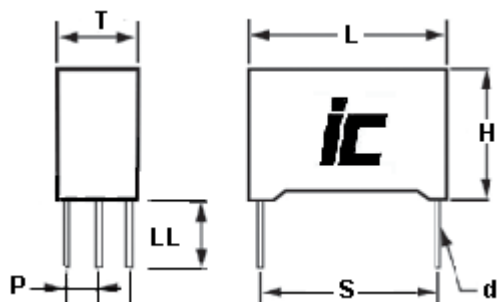
Radial Leaded with Double Sided Electrodes



| WVDC | ALL                    | ≤850 | 850<v<2000 |       | 2500 |      | ALL  | ALL  |
|------|------------------------|------|------------|-------|------|------|------|------|
| L    | 27.5                   | 32   | 32         | 32    | 32   | 32   | 42.5 | 57.5 |
| H    | ALL                    | 20   | 22,24.5    | >24.5 | 33   | >33  | ALL  | ALL  |
| T    | ALL                    | ALL  | ≤15        | >15   | <18  | >18  | ALL  | ALL  |
| S    | 22.5                   | 27.5 | 27.5       | 27.5  | 27.5 | 27.5 | 37.5 | 52.5 |
| d    | 0.8                    | 0.8  | 1.0        | 1.2   | 1.0  | 1.2  | 1.2  | 1.2  |
| LL   | 5+1<br>(25+5 Optional) |      |            |       |      |      |      |      |



|    |         |           |      |      |      |      |
|----|---------|-----------|------|------|------|------|
| L  | 32      | 32        | 32   | 42.5 | 42.5 | 57.5 |
| H  | >22     | 22>H>24.5 | >28  | >37  | >37  | ALL  |
| P  | 10.2    | <15       | <15  | >18  | ALL  | 20.3 |
| S  | 27.5    | 27.5      | 27.5 | 37.5 | 37.5 | 52.5 |
| d  | 0.8     | 1.0       | 1.0  | 1.2  | 1.2  | 1.2  |
| LL | 5.5+1.5 |           |      |      |      |      |



|    |          |
|----|----------|
| L  | 57.5     |
| H  | ALL      |
| T  | ALL      |
| S  | 52.5+0.4 |
| P  | 10.2+0.5 |
| LL | 5.5+1.5  |
| d  | 1.2+0.05 |

# PSB\_RSB

2,4,6 Radial Lead, High  
Current/low ESR

| WVDC | Capacitance<br>(μF) | IC PART NUMBER | dv/dt<br>(V/μ sec.) | Maximum<br>RMS Ripple<br>Current<br>(A)<br>100 kHz,<br>+70°C | Typical<br>ESR (mΩ)<br>100 kHz,<br>+25°C | Dims LxHxT<br>(mm) | S (MM) | d (MM) | P (MM) | # Leads |
|------|---------------------|----------------|---------------------|--------------------------------------------------------------|------------------------------------------|--------------------|--------|--------|--------|---------|
| 700  | 0.1                 | 104PSB700K2G   | 1200                | 4                                                            | 13.3                                     | 26.5x16x7          | 22.5   | 0.8    |        | 2       |
| 700  | 0.15                | 154PSB700K2G   | 1200                | 5.5                                                          | 9.5                                      | 26.5x18.5x10       | 22.5   | 0.8    |        | 2       |
| 700  | 0.22                | 224PSB700K2G   | 1200                | 6.5                                                          | 7                                        | 26.5x20x11         | 22.5   | 0.8    |        | 2       |
| 700  | 0.22                | 224PSB700K2H   | 900                 | 6.5                                                          | 8                                        | 32x20x11           | 27.5   | 0.8    |        | 2       |
| 700  | 0.33                | 334PSB700K2H   | 1500                | 8.5                                                          | 6                                        | 32x22x13           | 27.5   | 1      |        | 2       |
| 700  | 0.47                | 474PSB700K2H   | 900                 | 10                                                           | 4.8                                      | 32x24.5x15         | 27.5   | 1      |        | 2       |
| 700  | 0.68                | 684PSB700K2H   | 900                 | 14                                                           | 3.8                                      | 32x33x18           | 27.5   | 1.2    |        | 2       |
| 700  | 0.68                | 684PSB700K4H   | 900                 | 17                                                           | 3.1                                      | 32x33x18           | 27.5   | 1.2    | 5.1    | 4       |
| 700  | 1                   | 105PSB700K4H   | 900                 | 21                                                           | 2.5                                      | 32x37x22           | 27.5   | 1.2    | 10.2   | 4       |
| 700  | 1                   | 105PSB700K2H   | 900                 | 14                                                           | 3.2                                      | 32x37x22           | 27.5   | 1.2    |        | 2       |
| 700  | 1                   | 105PSB700K2J   | 600                 | 13.5                                                         | 4                                        | 42.5x28x17         | 37.5   | 1.2    |        | 2       |
| 700  | 1.5                 | 155PSB700K2J   | 600                 | 14                                                           | 3.6                                      | 42.5x30x22         | 37.5   | 1.2    |        | 2       |
| 700  | 1.8                 | 185RSB700K4H   | 720                 | 19.5                                                         | 2.8                                      | 32x37x22           | 27.5   | 1.2    | 10.2   | 4       |
| 700  | 1.8                 | 185RSB700K4H   | 720                 | 19.5                                                         | 2.8                                      | 32x37x22           | 27.5   | 1.2    | 10.5   | 4       |
| 700  | 2                   | 205PSB700K4J   | 600                 | 22.5                                                         | 2.5                                      | 42.5x37x28         | 37.5   | 1.2    | 10.2   | 4       |
| 700  | 2                   | 205PSB700K4JA  | 600                 | 22.5                                                         | 2.5                                      | 41.5x40x20         | 37.5   | 1.2    | 10.2   | 4       |
| 700  | 2                   | 205PSB700K2J   | 600                 | 14                                                           | 3.2                                      | 42.5x37x28         | 37.5   | 1.2    |        | 2       |
| 700  | 2                   | 205PSB700K2JA  | 600                 | 14                                                           | 3.2                                      | 41.5x40x20         | 37.5   | 1.2    |        | 2       |
| 700  | 2                   | 205RSB700K2J   | 455                 | 13                                                           | 4.9                                      | 42x32x17           | 37.5   | 1.2    |        | 2       |
| 700  | 2.2                 | 225RSB700K2J   | 455                 | 13.5                                                         | 4.6                                      | 42.5x30x22         | 37.5   | 1.2    |        | 2       |
| 700  | 2.2                 | 225PSB700K2J   | 600                 | 14                                                           | 3.1                                      | 42.5x37x28         | 37.5   | 1.2    |        | 2       |
| 700  | 2.2                 | 225PSB700K4J   | 600                 | 23                                                           | 2.4                                      | 42.5x37x28         | 37.5   | 1.2    | 20.3   | 4       |
| 700  | 2.5                 | 255PSB700K4J   | 600                 | 24.5                                                         | 2.2                                      | 42.5x37x28         | 37.5   | 1.2    | 20.3   | 4       |
| 700  | 2.5                 | 255PSB700K4JA  | 600                 | 27                                                           | 2.2                                      | 41.5x44x24         | 37.5   | 1.2    | 10.2   | 4       |
| 700  | 2.5                 | 255RSB700K2J   | 455                 | 14                                                           | 4.5                                      | 42.5x33.5x22       | 37.5   | 1.2    |        | 2       |
| 700  | 2.5                 | 255PSB700K2J   | 600                 | 14                                                           | 2.7                                      | 42.5x37x28         | 37.5   | 1.2    |        | 2       |
| 700  | 2.5                 | 255PSB700K2JA  | 600                 | 14                                                           | 2.7                                      | 41.5x44x24         | 37.5   | 1.2    |        | 2       |
| 700  | 3                   | 305PSB700K2J   | 600                 | 14                                                           | 2.7                                      | 42.5x45x30         | 37.5   | 1.2    |        | 2       |
| 700  | 3                   | 305PSB700K4J   | 600                 | 27                                                           | 2                                        | 42.5x45x30         | 37.5   | 1.2    | 20.3   | 4       |
| 700  | 3.3                 | 335PSB700K4J   | 600                 | 27                                                           | 2                                        | 42.5x45x30         | 37.5   | 1.2    | 20.3   | 4       |
| 700  | 3.3                 | 335PSB700K6J   | 600                 | 29.5                                                         | 1.9                                      | 42.5x45x30         | 37.5   | 1.2    | 10.2   | 6       |
| 700  | 3.3                 | 335PSB700K2J   | 600                 | 14                                                           | 2.7                                      | 42.5x45x30         | 37.5   | 1.2    |        | 2       |
| 700  | 3.3                 | 335RSB700K4J   | 455                 | 19.5                                                         | 3.3                                      | 42.5x37x28         | 37.5   | 1.2    | 10.2   | 4       |
| 700  | 3.3                 | 335RSB700K2J   | 455                 | 14                                                           | 4                                        | 42.5x37x28         | 37.5   | 1.2    |        | 2       |
| 700  | 4                   | 405PSB700K2R   | 360                 | 14                                                           | 3.1                                      | 57.5x45x30         | 52.5   | 1.2    |        | 2       |
| 700  | 4                   | 405PSB700K6R   | 200                 | 27                                                           | 2.4                                      | 57.5x45x30         | 52.5   | 1.2    | 10.2   | 6       |
| 700  | 4                   | 405PSB700K4R   | 360                 | 27                                                           | 2.4                                      | 57.5x45x30         | 52.5   | 1.2    | 20.3   | 4       |
| 700  | 4.7                 | 475RSB700K4J   | 455                 | 24.5                                                         | 2.7                                      | 42.5x45x30         | 37.5   | 1.2    | 20.3   | 4       |
| 700  | 4.7                 | 475RSB700K2J   | 455                 | 14                                                           | 3.4                                      | 42.5x45x30         | 37.5   | 1.2    |        | 2       |
| 700  | 4.7                 | 475PSB700K2R   | 360                 | 14                                                           | 2.9                                      | 57.5x50x35         | 52.5   | 1.2    |        | 2       |
| 700  | 4.7                 | 475PSB700K4R   | 360                 | 27                                                           | 2.2                                      | 57.5x50x35         | 52.5   | 1.2    | 20.3   | 4       |
| 700  | 4.7                 | 475PSB102K6R   | 500                 | 37.5                                                         | 1.7                                      | 57.5x57.5x38       | 52.5   | 1.2    | 10.2   | 6       |
| 700  | 4.7                 | 475PSB700K6R   | 360                 | 30                                                           | 2.1                                      | 57.5x50x35         | 52.5   | 1.2    | 10.2   | 6       |
| 700  | 5                   | 505RSB700K4J   | 455                 | 24.5                                                         | 2.7                                      | 42.5x45x30         | 37.5   | 1.2    | 20.3   | 4       |
| 700  | 5                   | 505RSB700K2J   | 455                 | 14                                                           | 3.4                                      | 42.5x45x30         | 37.5   | 1.2    |        | 2       |
| 700  | 5                   | 505PSB700K2R   | 360                 | 14                                                           | 2.9                                      | 57.5x50x35         | 52.5   | 1.2    |        | 2       |
| 700  | 5                   | 505PSB700K6R   | 360                 | 30.5                                                         | 2.1                                      | 57.5x50x35         | 52.5   | 1.2    | 10.2   | 6       |
| 700  | 5                   | 505PSB700K4R   | 360                 | 27                                                           | 2.2                                      | 57.5x50x35         | 52.5   | 1.2    | 20.3   | 4       |
| 700  | 5.6                 | 565PSB700K4R   | 360                 | 27                                                           | 1.9                                      | 57.5x50x35         | 52.5   | 1.2    | 20.3   | 4       |
| 700  | 5.6                 | 565PSB700K6R   | 360                 | 32                                                           | 1.8                                      | 57.5x50x35         | 52.5   | 1.2    | 10.2   | 6       |
| 700  | 5.6                 | 565PSB700K2R   | 360                 | 14                                                           | 2.6                                      | 57.5x50x35         | 52.5   | 1.2    |        | 2       |
| 700  | 6.3                 | 635PSB700K2R   | 360                 | 14                                                           | 2.6                                      | 57.5x50x35         | 52.5   | 1.2    |        | 2       |
| 700  | 6.3                 | 635PSB700K4R   | 360                 | 27                                                           | 1.9                                      | 57.5x50x35         | 52.5   | 1.2    | 20.3   | 4       |
| 700  | 6.3                 | 635PSB700K6R   | 360                 | 33.5                                                         | 1.8                                      | 57.5x50x35         | 52.5   | 1.2    | 10.2   | 6       |
| 700  | 6.8                 | 685PSB700K6R   | 360                 | 35.5                                                         | 1.7                                      | 57.5x57.5x38       | 52.5   | 1.2    | 10.2   | 6       |
| 700  | 6.8                 | 685PSB700K4R   | 360                 | 27                                                           | 1.8                                      | 57.5x57.5x38       | 52.5   | 1.2    | 20.3   | 4       |
| 700  | 6.8                 | 685RSB700K4R   | 285                 | 23.5                                                         | 3.3                                      | 57.5x45x30         | 52.5   | 1.2    | 20.3   | 4       |
| 700  | 6.8                 | 685RSB700K2R   | 285                 | 14                                                           | 4                                        | 57.5x45x30         | 52.5   | 1.2    |        | 2       |

# PSB\_RSB

2,4,6 Radial Lead, High Current/low ESR

| WVDC | Capacitance (μF) | IC PART NUMBER | dv/dt (v/μ sec.) | Maximum RMS Ripple Current (A) 100 kHz, +70°C | Typical ESR (mΩ) 100 kHz, +25°C | Dims LxHxT (mm) | S (MM) | d (MM) | P (MM) | # Leads |
|------|------------------|----------------|------------------|-----------------------------------------------|---------------------------------|-----------------|--------|--------|--------|---------|
| 700  | 8                | 805PSB700K4R   | 360              | 27                                            | 1.7                             | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 700  | 8                | 805PSB700K6R   | 360              | 38                                            | 1.6                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 700  | 10               | 106RSB700K6R   | 285              | 30                                            | 2.4                             | 57.5x50x35      | 52.5   | 1.2    | 10.2   | 6       |
| 700  | 10               | 106RSB700K2R   | 285              | 14                                            | 3.2                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 700  | 10               | 106RSB700K4R   | 285              | 27                                            | 2.5                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 700  | 12               | 126RSB700K4R   | 285              | 27                                            | 2.2                             | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 700  | 12               | 126RSB700K6R   | 285              | 34                                            | 2.1                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 850  | 0.068            | 683PSB850K2G   | 1550             | 4                                             | 14                              | 26.5x16x7       | 22.5   | 0.8    |        | 2       |
| 850  | 0.1              | 104PSB850K2G   | 1550             | 5                                             | 10.4                            | 26.5x18.5x10    | 22.5   | 0.8    |        | 2       |
| 850  | 0.15             | 154PSB850K2G   | 1550             | 6.5                                           | 7.5                             | 26.5x20x11      | 22.5   | 0.8    |        | 2       |
| 850  | 0.15             | 154PSB850K2H   | 1120             | 6.5                                           | 8.6                             | 32x20x11        | 27.5   | 0.8    |        | 2       |
| 850  | 0.22             | 224PSB850K2H   | 1120             | 8                                             | 6.4                             | 32x22x13        | 27.5   | 1      |        | 2       |
| 850  | 0.33             | 334PSB850K2H   | 1900             | 10                                            | 4.9                             | 32x24.5x15      | 27.5   | 1      |        | 2       |
| 850  | 0.47             | 474PSB850K2H   | 1120             | 14                                            | 3.9                             | 32x33x18        | 27.5   | 1.2    |        | 2       |
| 850  | 0.47             | 474PSB850K4H   | 1120             | 16.5                                          | 3.2                             | 32x33x18        | 27.5   | 1.2    | 10.2   | 4       |
| 850  | 0.68             | 684PSB850K4H   | 1120             | 20.5                                          | 2.6                             | 32x37x22        | 27.5   | 1.2    | 10.2   | 4       |
| 850  | 0.68             | 684PSB850K2H   | 1120             | 14                                            | 3.3                             | 32x37x22        | 27.5   | 1.2    |        | 2       |
| 850  | 0.68             | 684RSB850K2H   | 900              | 12                                            | 5.6                             | 32x33x18        | 27.5   | 1.2    |        | 2       |
| 850  | 0.68             | 684PSB850K2J   | 510              | 13                                            | 4.3                             | 42.5x28x17      | 37.5   | 1.2    |        | 2       |
| 850  | 0.82             | 824RSB850K4H   | 900              | 13                                            | 5.1                             | 32x33x18        | 27.5   | 1.2    |        | 4       |
| 850  | 0.82             | 824PSB850K2J   | 750              | 14                                            | 3.8                             | 42x32x14        | 37.5   | 1.2    |        | 2       |
| 850  | 1                | 105RSB850K2H   | 900              | 14                                            | 4.6                             | 32x37x22        | 27.5   | 1.2    |        | 2       |
| 850  | 1                | 105RSB850K4H   | 900              | 17                                            | 3.9                             | 32x37x22        | 27.5   | 1.2    | 10.2   | 4       |
| 850  | 1                | 105PSB850K2J   | 750              | 14                                            | 3.3                             | 42.5x30x22      | 37.5   | 1.2    |        | 2       |
| 850  | 1                | 105PSB850K4J   | 750              | 18.5                                          | 2.6                             | 42.5x37x28      | 37.5   | 1.2    | 10.2   | 4       |
| 850  | 1.2              | 125PSB850K4J   | 900              | 20                                            | 2.4                             | 42.5x33.5x22    | 37.5   | 1.2    | 10.2   | 4       |
| 850  | 1.2              | 125RSB850K2J   | 600              | 11.5                                          | 6.1                             | 42x32x17        | 37.5   | 1.2    |        | 2       |
| 850  | 1.2              | 125PSB850K2J   | 900              | 14                                            | 3.1                             | 42.5x33.5x22    | 37.5   | 1.2    |        | 2       |
| 850  | 1.5              | 155PSB850K2JA  | 750              | 14                                            | 2.9                             | 41.5x44x24      | 37.5   | 1.2    |        | 2       |
| 850  | 1.5              | 155RSB850K2J   | 600              | 12.5                                          | 5.5                             | 42.5x30x22      | 37.5   | 1.2    |        | 2       |
| 850  | 1.5              | 155PSB850K4JA  | 750              | 26                                            | 2.3                             | 41.5x44x24      | 37.5   | 1.2    | 10.2   | 4       |
| 850  | 1.5              | 155PSB850K2J   | 750              | 14                                            | 2.9                             | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 850  | 1.5              | 155PSB850K4J   | 750              | 24                                            | 2.3                             | 42.5x37x28      | 37.5   | 1.2    | 20.3   | 4       |
| 850  | 2                | 205PSB850K4J   | 750              | 27                                            | 2.1                             | 42.5x45x30      | 37.5   | 1.2    | 20.3   | 4       |
| 850  | 2                | 205PSB850K6J   | 750              | 29                                            | 2                               | 42.5x45x30      | 37.5   | 1.2    | 10.2   | 6       |
| 850  | 2                | 205PSB850K2J   | 750              | 14                                            | 2.7                             | 42.5x45x30      | 37.5   | 1.2    |        | 2       |
| 850  | 2                | 205RSB850K4J   | 600              | 17                                            | 4.2                             | 42.5x37x28      | 37.5   | 1.2    | 10.2   | 4       |
| 850  | 2                | 205RSB850K4JA  | 600              | 17                                            | 4.2                             | 41.5x40x20      | 37.5   | 1.2    | 10.2   | 4       |
| 850  | 2                | 205RSB850K2J   | 600              | 14                                            | 4.9                             | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 850  | 2                | 205RSB850K2JA  | 600              | 14                                            | 4.9                             | 41.5x40x20      | 37.5   | 1.2    |        | 2       |
| 850  | 2.2              | 225RSB850K2J   | 600              | 14                                            | 4.8                             | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 850  | 2.2              | 225RSB850K4J   | 600              | 17.5                                          | 4.1                             | 42.5x37x28      | 37.5   | 1.2    | 20.3   | 4       |
| 850  | 2.2              | 225PSB850K2J   | 750              | 14                                            | 2.7                             | 42.5x45x30      | 37.5   | 1.2    |        | 2       |
| 850  | 2.2              | 225PSB850K6J   | 750              | 30                                            | 2                               | 42.5x45x30      | 37.5   | 1.2    | 10.2   | 6       |
| 850  | 2.2              | 225PSB850K4J   | 750              | 27                                            | 2.1                             | 42.5x45x30      | 37.5   | 1.2    | 20.3   | 4       |
| 850  | 2.5              | 255RSB850K4J   | 600              | 21                                            | 3.7                             | 41.5x44x24      | 37.5   | 1.2    | 10.2   | 4       |
| 850  | 2.5              | 255RSB850K2J   | 600              | 14                                            | 4.4                             | 41.5x44x24      | 37.5   | 1.2    |        | 2       |
| 850  | 2.5              | 255PSB850K2R   | 450              | 14                                            | 2.9                             | 57.5x45x30      | 52.5   | 1.2    |        | 2       |
| 850  | 2.5              | 255PSB850K4R   | 450              | 27                                            | 2.2                             | 57.5x45x30      | 52.5   | 1.2    | 20.3   | 4       |
| 850  | 3                | 305RSB850K4J   | 600              | 22                                            | 3.3                             | 42.5x45x30      | 37.5   | 1.2    | 20.3   | 4       |
| 850  | 3                | 305RSB850K2J   | 600              | 14                                            | 4                               | 42.5x45x30      | 37.5   | 1.2    |        | 2       |
| 850  | 3                | 305PSB850K2R   | 450              | 14                                            | 3                               | 57.5x45x30      | 52.5   | 1.2    |        | 2       |
| 850  | 3                | 305PSB850K4R   | 450              | 27                                            | 2.3                             | 57.5x45x30      | 52.5   | 1.2    | 20.3   | 4       |
| 850  | 3                | 305PSB850K6R   | 450              | 29                                            | 2.2                             | 57.5x45x30      | 52.5   | 1.2    | 10.2   | 6       |
| 850  | 3.3              | 335RSB850K4J   | 600              | 23                                            | 3.2                             | 42.5x45x30      | 37.5   | 1.2    | 20.3   | 4       |
| 850  | 3.3              | 335RSB850K2J   | 600              | 14                                            | 3.9                             | 42.5x45x30      | 37.5   | 1.2    |        | 2       |
| 850  | 3.3              | 335PSB850K2R   | 450              | 14                                            | 2.6                             | 57.5x45x30      | 52.5   | 1.2    |        | 2       |
| 850  | 3.3              | 335PSB850K6R   | 450              | 30                                            | 2.1                             | 57.5x45x30      | 52.5   | 1.2    | 10.2   | 6       |

# PSB\_RSB

2,4,6 Radial Lead, High  
Current/low ESR

| WVDC | Capacitance<br>(μF) | IC PART NUMBER | dv/dt<br>(v/μ sec.) | Maximum<br>RMS Ripple<br>Current<br>(A)<br>100 kHz,<br>+70°C | Typical<br>ESR (mΩ)<br>100 kHz,<br>+25°C | Dims LxHxT<br>(mm) | S (MM) | d (MM) | P (MM) | # Leads |
|------|---------------------|----------------|---------------------|--------------------------------------------------------------|------------------------------------------|--------------------|--------|--------|--------|---------|
| 850  | 3.3                 | 335PSB850K4R   | 450                 | 27                                                           | 2                                        | 57.5x45x30         | 52.5   | 1.2    | 20.3   | 4       |
| 850  | 4                   | 405PSB850K4R   | 450                 | 27                                                           | 2                                        | 57.5x50x35         | 52.5   | 1.2    | 20.3   | 4       |
| 850  | 4                   | 405PSB850K6R   | 450                 | 32.5                                                         | 1.9                                      | 57.5x50x35         | 52.5   | 1.2    | 10.2   | 6       |
| 850  | 4                   | 405PSB850K2R   | 450                 | 14                                                           | 2.6                                      | 57.5x50x35         | 52.5   | 1.2    |        | 2       |
| 850  | 4                   | 405RSB850K4R   | 360                 | 22                                                           | 3.7                                      | 57.5x45x30         | 52.5   | 1.2    | 20.3   | 4       |
| 850  | 4                   | 405RSB850K2R   | 360                 | 14                                                           | 4.3                                      | 57.5x45x30         | 52.5   | 1.2    |        | 2       |
| 850  | 4.7                 | 475PSB850K2R   | 450                 | 14                                                           | 2.5                                      | 57.5x50x35         | 52.5   | 1.2    |        | 2       |
| 850  | 4.7                 | 475PSB850K4R   | 450                 | 27                                                           | 1.9                                      | 57.5x50x35         | 52.5   | 1.2    | 20.3   | 4       |
| 850  | 4.7                 | 475PSB850K6R   | 450                 | 34.5                                                         | 1.8                                      | 57.5x50x35         | 52.5   | 1.2    | 10.2   | 6       |
| 850  | 5.6                 | 565PSB850K6R   | 450                 | 37                                                           | 1.6                                      | 57.5x57.5x38       | 52.5   | 1.2    | 10.2   | 6       |
| 850  | 5.6                 | 565PSB850K4R   | 450                 | 27                                                           | 1.7                                      | 57.5x57.5x38       | 52.5   | 1.2    | 20.3   | 4       |
| 850  | 5.6                 | 565RSB850K4R   | 360                 | 26.5                                                         | 3                                        | 57.5x50x35         | 52.5   | 1.2    | 20.3   | 4       |
| 850  | 5.6                 | 565RSB850K2R   | 360                 | 14                                                           | 3.6                                      | 57.5x50x35         | 52.5   | 1.2    |        | 2       |
| 850  | 6                   | 605PSB850K4R   | 450                 | 27                                                           | 1.7                                      | 57.5x57.5x38       | 52.5   | 1.2    | 20.3   | 4       |
| 850  | 6                   | 605PSB850K6R   | 450                 | 38                                                           | 1.6                                      | 57.5x57.5x38       | 52.5   | 1.2    | 10.2   | 6       |
| 850  | 6.8                 | 685RSB850K6R   | 360                 | 29.5                                                         | 2.6                                      | 57.5x57.5x38       | 52.5   | 1.2    | 10.2   | 6       |
| 850  | 6.8                 | 685RSB850K4R   | 360                 | 27                                                           | 2.7                                      | 57.5x57.5x38       | 52.5   | 1.2    | 20.3   | 4       |
| 850  | 8                   | 805RSB850K4R   | 360                 | 27                                                           | 2.4                                      | 57.5x57.5x38       | 52.5   | 1.2    | 20.3   | 4       |
| 850  | 8                   | 805RSB850K6R   | 360                 | 33                                                           | 2.3                                      | 57.5x57.5x38       | 52.5   | 1.2    | 10.2   | 6       |
| 1000 | 0.047               | 473PSB102K2G   | 1800                | 3.5                                                          | 18.5                                     | 26.5x16x7          | 22.5   | 0.8    |        | 2       |
| 1000 | 0.068               | 683PSB102K2G   | 1800                | 4.5                                                          | 13.7                                     | 26.5x17x8.5        | 22.5   | 0.8    |        | 2       |
| 1000 | 0.1                 | 104PSB102K2G   | 1800                | 5.5                                                          | 9.9                                      | 26.5x20x11         | 22.5   | 0.8    |        | 2       |
| 1000 | 0.1                 | 104PSB102K2H   | 1300                | 5                                                            | 11                                       | 32x17x9            | 27.5   | 0.8    |        | 2       |
| 1000 | 0.15                | 154PSB102K2G   | 1800                | 7                                                            | 7.3                                      | 26.5x22x13         | 22.5   | 0.8    |        | 2       |
| 1000 | 0.15                | 154PSB102K2H   | 1300                | 6.5                                                          | 8.2                                      | 32x20x11           | 27.5   | 0.8    |        | 2       |
| 1000 | 0.22                | 224PSB102K2H   | 1300                | 8.5                                                          | 5.7                                      | 32x22x13           | 27.5   | 1      |        | 2       |
| 1000 | 0.33                | 334PSB102K2H   | 1300                | 12.5                                                         | 4.5                                      | 32x28x14           | 27.5   | 1.2    |        | 2       |
| 1000 | 0.47                | 474PSB102K2H   | 1300                | 14                                                           | 3.7                                      | 32x33x18           | 27.5   | 1.2    |        | 2       |
| 1000 | 0.47                | 474PSB102K4H   | 1300                | 17                                                           | 3                                        | 32x33x18           | 27.5   | 1.2    | 10.2   | 4       |
| 1000 | 0.47                | 474PSB102K2J   | 870                 | 12                                                           | 4.7                                      | 42.5x28x17         | 37.5   | 1.2    |        | 2       |
| 1000 | 0.68                | 684RSB102K4H   | 1300                | 17                                                           | 4                                        | 32x37x22           | 27.5   | 1.2    | 10.2   | 4       |
| 1000 | 0.68                | 684RSB102K2H   | 1300                | 14                                                           | 4.7                                      | 32x37x22           | 27.5   | 1.2    |        | 2       |
| 1000 | 0.68                | 684RSB102K2J   | 750                 | 11.5                                                         | 5.9                                      | 42.5x28x17         | 37.5   | 1.2    |        | 2       |
| 1000 | 0.68                | 684PSB102K2J   | 870                 | 14                                                           | 4.1                                      | 42.5x30x22         | 37.5   | 1.2    |        | 2       |
| 1000 | 0.68                | 684PSB102K4J   | 870                 | 17                                                           | 3.4                                      | 42.5x37x28         | 37.5   | 1.2    | 10.2   | 4       |
| 1000 | 1                   | 105PSB102K4J   | 870                 | 22                                                           | 2.9                                      | 42.5x37x28         | 37.5   | 1.2    | 10.2   | 4       |
| 1000 | 1                   | 105PSB102K2J   | 870                 | 14                                                           | 3.6                                      | 42.5x37x28         | 37.5   | 1.2    |        | 2       |
| 1000 | 1                   | 105PSB102K2JA  | 870                 | 14                                                           | 3                                        | 41.5x44x24         | 37.5   | 1.2    |        | 2       |
| 1000 | 1                   | 105PSB102K4JA  | 870                 | 22                                                           | 2.9                                      | 41.5x40x20         | 37.5   | 1.2    | 10.2   | 2       |
| 1000 | 1                   | 105RSB102K4J   | 750                 | 15.5                                                         | 4                                        | 42.5x30x22         | 37.5   | 1.2    | 10.2   | 4       |
| 1000 | 1                   | 105RSB102K2J   | 750                 | 14                                                           | 4.7                                      | 42.5x30x22         | 37.5   | 1.2    |        | 2       |
| 1000 | 1.5                 | 155RSB102K2J   | 750                 | 14                                                           | 4                                        | 42.5x37x28         | 37.5   | 1.2    |        | 2       |
| 1000 | 1.5                 | 155RSB102K4J   | 750                 | 19.5                                                         | 3.3                                      | 42.5x37x28         | 37.5   | 1.2    | 10.2   | 4       |
| 1000 | 1.5                 | 155PSB102K2J   | 870                 | 14                                                           | 3                                        | 42.5x45x30         | 37.5   | 1.2    |        | 2       |
| 1000 | 1.5                 | 155PSB102K4J   | 870                 | 26                                                           | 2.3                                      | 42.5x45x30         | 37.5   | 1.2    | 20.3   | 4       |
| 1000 | 1.8                 | 185RSB102K4J   | 750                 | 22.5                                                         | 3.2                                      | 41.5x44x24         | 37.5   | 1.2    | 10.2   | 4       |
| 1000 | 1.8                 | 185RSB102K2J   | 750                 | 14                                                           | 3.9                                      | 41.5x44x24         | 37.5   | 1.2    |        | 2       |
| 1000 | 2                   | 205RSB102K2J   | 750                 | 14                                                           | 3.9                                      | 42.5x45x30         | 37.5   | 1.2    |        | 2       |
| 1000 | 2                   | 205RSB102K4J   | 750                 | 23                                                           | 3.2                                      | 42.5x45x30         | 37.5   | 1.2    | 20.3   | 4       |
| 1000 | 2                   | 205PSB102K2R   | 500                 | 14                                                           | 3.4                                      | 57.5x45x30         | 52.5   | 1.2    |        | 2       |
| 1000 | 2                   | 205PSB102K4R   | 500                 | 26                                                           | 2.7                                      | 57.5x45x30         | 52.5   | 1.2    | 20.3   | 4       |
| 1000 | 2.2                 | 225RSB102K4J   | 750                 | 24                                                           | 3.1                                      | 42.5x45x30         | 37.5   | 1.2    | 20.3   | 4       |
| 1000 | 2.2                 | 225RSB102K2J   | 750                 | 14                                                           | 3.8                                      | 42.5x45x30         | 37.5   | 1.2    |        | 2       |
| 1000 | 2.2                 | 225PSB102K2R   | 500                 | 14                                                           | 3.3                                      | 57.5x45x30         | 52.5   | 1.2    |        | 2       |
| 1000 | 2.2                 | 225PSB102K4R   | 500                 | 26                                                           | 2.6                                      | 57.5x45x30         | 52.5   | 1.2    | 20.3   | 4       |
| 1000 | 3                   | 305RSB102K2R   | 450                 | 14                                                           | 3.9                                      | 57.5x45x30         | 37.5   | 1.2    |        | 2       |
| 1000 | 3                   | 305RSB102K4R   | 450                 | 23.5                                                         | 3.2                                      | 57.5x45x30         | 37.5   | 1.2    | 20.3   | 4       |
| 1000 | 3                   | 305PSB102K2R   | 500                 | 14                                                           | 2.9                                      | 57.5x50x35         | 52.5   | 1.2    |        | 2       |

# PSB\_RSB

2,4,6 Radial Lead, High Current/low ESR

| WVDC | Capacitance (μF) | IC PART NUMBER | dv/dt (v/μ sec.) | Maximum RMS Ripple Current (A) 100 kHz, +70°C | Typical ESR (mΩ) 100 kHz, +25°C | Dims LxHxT (mm) | S (MM) | d (MM) | P (MM) | # Leads |
|------|------------------|----------------|------------------|-----------------------------------------------|---------------------------------|-----------------|--------|--------|--------|---------|
| 1000 | 3                | 305PSB102K4R   | 500              | 27                                            | 2.2                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 1000 | 3                | 305PSB102K6R   | 500              | 31.5                                          | 2.1                             | 57.5x50x35      | 52.5   | 1.2    | 10.2   | 6       |
| 1000 | 3.3              | 335PSB102K6R   | 500              | 32.5                                          | 2                               | 57.5x50x35      | 52.5   | 1.2    | 10.2   | 6       |
| 1000 | 3.3              | 335PSB102K4R   | 500              | 27                                            | 2.1                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 1000 | 3.3              | 335RSB102K4R   | 1485             | 24                                            | 3.1                             | 57.5x45x30      | 52.5   | 1.2    | 20.3   | 2       |
| 1000 | 3.3              | 335PSB102K2R   | 500              | 14                                            | 2.8                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 1000 | 3.3              | 335RSB102K2R   | 450              | 14                                            | 3.8                             | 57.5x45x30      | 52.5   | 1.2    |        | 2       |
| 1000 | 4                | 405RSB102K2R   | 450              | 14                                            | 3.5                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 1000 | 4                | 405RSB102K4R   | 450              | 27                                            | 2.8                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 1000 | 4                | 405PSB102K4R   | 500              | 27                                            | 2                               | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 1000 | 4                | 405PSB102K6R   | 500              | 34                                            | 1.9                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 1000 | 4.7              | 475PSB102K4R   | 500              | 27                                            | 1.8                             | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 1000 | 4.7              | 475RSB102K4R   | 450              | 27                                            | 2.7                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 1000 | 4.7              | 475RSB102K2R   | 450              | 14                                            | 3.3                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 1000 | 5.6              | 565RSB102K6R   | 450              | 31                                            | 2.4                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 1000 | 5.6              | 565RSB102K4R   | 450              | 27                                            | 2.5                             | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 1000 | 6                | 605RSB102K4R   | 450              | 27                                            | 2.4                             | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 1000 | 6                | 605RSB102K6R   | 450              | 33                                            | 2.3                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 1200 | 0.033            | 333PSB122K2G   | 2000             | 3                                             | 23                              | 26.5x16x7       | 22.5   | 0.8    |        | 2       |
| 1200 | 0.047            | 473PSB122K2G   | 4000             | 3.5                                           | 16.9                            | 26.5x17x8.5     | 22.5   | 0.8    |        | 2       |
| 1200 | 0.068            | 683PSB122K2G   | 2000             | 4.5                                           | 12.7                            | 26.5x18.5x10    | 22.5   | 0.8    |        | 2       |
| 1200 | 0.068            | 683PSB122K2H   | 1500             | 4.5                                           | 14.3                            | 32x17x9         | 27.5   | 0.8    |        | 2       |
| 1200 | 0.1              | 104PSB122K2G   | 2000             | 6                                             | 9.7                             | 26.5x22x13      | 22.5   | 0.8    |        | 2       |
| 1200 | 0.1              | 104PSB122K2H   | 1500             | 6                                             | 10.6                            | 32x20x11        | 27.5   | 0.8    |        | 2       |
| 1200 | 0.15             | 154PSB122K2H   | 1500             | 7.5                                           | 7.6                             | 32x22x13        | 27.5   | 1      |        | 2       |
| 1200 | 0.22             | 224PSB122K2H   | 1500             | 9.5                                           | 5.4                             | 32x24.5x15      | 27.5   | 1      |        | 2       |
| 1200 | 0.33             | 334PSB122K2H   | 1500             | 13.5                                          | 4.3                             | 32x33x18        | 27.5   | 1.2    |        | 2       |
| 1200 | 0.33             | 334PSB122K4H   | 1500             | 15.5                                          | 3.6                             | 32x33x18        | 27.5   | 1.2    |        | 4       |
| 1200 | 0.33             | 334PSB122K2J   | 1000             | 11.5                                          | 5.9                             | 42.5x28x17      | 37.5   | 1.2    |        | 2       |
| 1200 | 0.47             | 474PSB122K2H   | 1500             | 14                                            | 3.4                             | 32x37x22        | 27.5   | 1.2    |        | 2       |
| 1200 | 0.47             | 474RSB122K2H   | 1120             | 12.5                                          | 5.7                             | 32x33x18        | 27.5   | 1.2    |        | 2       |
| 1200 | 0.47             | 474PSB122K4H   | 1500             | 20.5                                          | 2.7                             | 32x37x22        | 27.5   | 1.2    |        | 4       |
| 1200 | 0.47             | 474PSB122K2J   | 1000             | 13.5                                          | 4.8                             | 42.5x30x22      | 37.5   | 1.2    |        | 2       |
| 1200 | 0.68             | 684RSB122K2H   | 1120             | 14                                            | 5                               | 32x37x22        | 27.5   | 1.2    |        | 2       |
| 1200 | 0.68             | 684RSB122K4H   | 1120             | 16                                            | 4.3                             | 32x37x22        | 27.5   | 1.2    | 10.2   | 4       |
| 1200 | 0.68             | 684PSB122K4J   | 1000             | 17.5                                          | 3.4                             | 42.5x37x28      | 37.5   | 1.2    | 10.2   | 4       |
| 1200 | 0.68             | 684RSB122K2J   | 870              | 11.5                                          | 6.1                             | 42x32x17        | 37.5   | 1.2    |        | 2       |
| 1200 | 0.68             | 684PSB122K2J   | 1000             | 14                                            | 4.1                             | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 1200 | 0.82             | 824PSB122K2J   | 1000             | 14                                            | 3.8                             | 41.5x40x20      | 37.5   | 1.2    |        | 2       |
| 1200 | 0.82             | 824RSB122K2J   | 870              | 13                                            | 5.4                             | 42.5x30x22      | 37.5   | 1.2    |        | 2       |
| 1200 | 0.82             | 824PSB122K4J   | 1000             | 20.5                                          | 3.1                             | 41.5x40x20      | 37.5   | 1.2    | 10.2   | 4       |
| 1200 | 1                | 105PSB122K4J   | 1000             | 22                                            | 2.8                             | 42.5x37x28      | 37.5   | 1.2    | 20.3   | 4       |
| 1200 | 1                | 105PSB122K2JA  | 1000             | 14                                            | 3.5                             | 41.5x44x24      | 37.5   | 1.2    |        | 2       |
| 1200 | 1                | 105RSB122K4J   | 870              | 17.5                                          | 4.1                             | 41.5x40x20      | 37.5   | 1.2    | 10.2   | 4       |
| 1200 | 1                | 105PSB122K2J   | 1000             | 14                                            | 3.5                             | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 1200 | 1                | 105PSB122K4JA  | 1000             | 23.5                                          | 2.8                             | 41.5x44x24      | 37.5   | 1.2    | 10.2   | 2       |
| 1200 | 1                | 105RSB122K2J   | 870              | 14                                            | 4.8                             | 41.5x40x20      | 37.5   | 1.2    |        | 2       |
| 1200 | 1.2              | 125RSB122K4J   | 870              | 19                                            | 3.7                             | 42.5x37x28      | 37.5   | 1.2    | 10.2   | 4       |
| 1200 | 1.2              | 125PSB122K2J   | 1000             | 14                                            | 3.2                             | 42.5x45x30      | 37.5   | 1.2    |        | 2       |
| 1200 | 1.2              | 125RSB122K2J   | 870              | 14                                            | 4.4                             | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 1200 | 1.2              | 125PSB122K4J   | 1000             | 25                                            | 2.5                             | 42.5x45x30      | 37.5   | 1.2    | 20.3   | 4       |
| 1200 | 1.5              | 155PSB122K4J   | 1000             | 27                                            | 2.2                             | 42.5x45x30      | 37.5   | 1.2    | 20.3   | 4       |
| 1200 | 1.5              | 155RSB122K2J   | 870              | 14                                            | 4                               | 41.5x44x24      | 37.5   | 1.2    |        | 2       |
| 1200 | 1.5              | 155PSB122K2J   | 100              | 14                                            | 2.9                             | 42.5x45x30      | 37.5   | 1.2    |        | 2       |
| 1200 | 1.5              | 155RSB122K4J   | 870              | 21.5                                          | 3.3                             | 41.5x44x24      | 37.5   | 1.2    | 10.2   | 4       |
| 1200 | 2                | 205PSB122K2R   | 575              | 14                                            | 3.2                             | 57.5x45x30      | 52.5   | 1.2    |        | 2       |
| 1200 | 2                | 205PSB122K4R   | 575              | 26.5                                          | 2.5                             | 57.5x45x30      | 52.5   | 1.2    | 20.3   | 4       |
| 1200 | 2                | 205PSB122K6R   | 575              | 29                                            | 2.4                             | 57.5x45x30      | 52.5   | 1.2    | 10.2   | 6       |

# PSB\_RSB

2,4,6 Radial Lead, High Current/low ESR

| WVDC | Capacitance (μF) | IC PART NUMBER | dv/dt (v/μ sec.) | Maximum RMS Ripple Current (A) 100 kHz, +70°C | Typical ESR (mΩ) 100 kHz, +25°C | Dims LxHxT (mm) | S (MM) | d (MM) | P (MM) | # Leads |
|------|------------------|----------------|------------------|-----------------------------------------------|---------------------------------|-----------------|--------|--------|--------|---------|
| 1200 | 2.2              | 225PSB122K4R   | 575              | 27                                            | 2.4                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 1200 | 2.2              | 225PSB122K6R   | 575              | 31                                            | 2.3                             | 57.5x50x35      | 52.5   | 1.2    | 10.2   | 6       |
| 1200 | 2.2              | 225PSB122K2R   | 575              | 14                                            | 3                               | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 1200 | 2.2              | 225RSB122K4R   | 500              | 22                                            | 3.7                             | 57.5x45x30      | 52.5   | 1.2    | 10.2   | 4       |
| 1200 | 2.2              | 225RSB122K2R   | 500              | 14                                            | 4.4                             | 57.5x45x30      | 52.5   | 1.2    |        | 2       |
| 1200 | 2.5              | 255RSB122K2R   | 500              | 14                                            | 4.2                             | 57.5x45x30      | 52.5   | 1.2    |        | 2       |
| 1200 | 2.5              | 255RSB122K4R   | 500              | 23                                            | 3.5                             | 57.5x45x30      | 52.5   | 1.2    | 20.3   | 4       |
| 1200 | 2.5              | 255PSB122K2R   | 575              | 14                                            | 2.8                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 1200 | 2.5              | 255PSB122K4R   | 575              | 27                                            | 2.2                             | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 1200 | 2.5              | 255PSB122K6R   | 575              | 32                                            | 2.1                             | 57.5x50x35      | 52.5   | 1.2    | 10.2   | 6       |
| 1200 | 3.3              | 335PSB122K6R   | 575              | 36                                            | 1.9                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 1200 | 3.3              | 335RSB122K4R   | 500              | 27                                            | 3                               | 57.5x50x35      | 52.5   | 1.2    | 20.3   | 4       |
| 1200 | 3.3              | 335PSB122K4R   | 575              | 27                                            | 2                               | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 1200 | 3.3              | 335RSB122K2R   | 500              | 14                                            | 3.7                             | 57.5x50x35      | 52.5   | 1.2    |        | 2       |
| 1200 | 3.6              | 365PSB122K4R   | 575              | 27                                            | 1.9                             | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 1200 | 3.6              | 365PSB122K6R   | 575              | 37.5                                          | 1.8                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 1200 | 4                | 405RSB122K6R   | 500              | 29                                            | 2.5                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 1200 | 4                | 405RSB122K4R   | 500              | 27                                            | 2.6                             | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 1200 | 4.7              | 475RSB122K4R   | 500              | 27                                            | 2.4                             | 57.5x57.5x38    | 52.5   | 1.2    | 20.3   | 4       |
| 1200 | 4.7              | 475RSB122K6R   | 500              | 33                                            | 2.3                             | 57.5x57.5x38    | 52.5   | 1.2    | 10.2   | 6       |
| 1500 | 0.022            | 223PSB152K2G   | 2500             | 2.5                                           | 30                              | 26.5x16x7       | 22.5   | 0.8    |        | 2       |
| 1500 | 0.033            | 333PSB152K2G   | 2500             | 3.5                                           | 22                              | 26.5x17x8.5     | 22.5   | 0.8    |        | 2       |
| 1500 | 0.047            | 473PSB152K2G   | 2500             | 4                                             | 16.5                            | 26.5x18.5x10    | 22.5   | 0.8    |        | 2       |
| 1500 | 0.047            | 473PSB152K2H   | 1900             | 4                                             | 18.2                            | 32x17x9         | 27.5   | 0.8    |        | 2       |
| 1500 | 0.068            | 683PSB152K2G   | 2500             | 5.5                                           | 12.3                            | 26.5x22x13      | 22.5   | 0.8    |        | 2       |
| 1500 | 0.068            | 683PSB152K2H   | 1900             | 5                                             | 13.8                            | 32x20x11        | 27.5   | 0.8    |        | 2       |
| 1500 | 0.1              | 104PSB152K2H   | 1900             | 6.5                                           | 9.5                             | 32x22x13        | 27.5   | 0.8    |        | 2       |
| 1500 | 0.15             | 154PSB152K2H   | 1900             | 8.5                                           | 7.1                             | 32x24.5x15      | 27.5   | 1      |        | 2       |
| 1500 | 0.22             | 224PSB152K2H   | 1900             | 12.5                                          | 5.1                             | 32x33x18        | 27.5   | 1.2    |        | 2       |
| 1500 | 0.22             | 224PSB152K4H   | 1900             | 14                                            | 4.4                             | 32x33x18        | 27.5   | 1.2    | 10.2   | 4       |
| 1500 | 0.22             | 224PSB152K2J   | 1220             | 10.5                                          | 6.9                             | 42.5x28x17      | 37.5   | 1.2    |        | 2       |
| 1500 | 0.33             | 334PSB152K2H   | 1900             | 14                                            | 4.1                             | 32x37x22        | 27.5   | 1.2    |        | 2       |
| 1500 | 0.33             | 334RSB152K2H   | 1220             | 12                                            | 6                               | 32x33x18        | 27.5   | 1.2    |        | 2       |
| 1500 | 0.33             | 334PSB152K4H   | 1900             | 18                                            | 3.4                             | 32x37x22        | 27.5   | 1.2    | 10.2   | 4       |
| 1500 | 0.33             | 334PSB152K2J   | 1220             | 12.5                                          | 5.4                             | 42.5x30x22      | 37.5   | 1.2    |        | 2       |
| 1500 | 0.47             | 474RSB152K2H   | 1500             | 14                                            | 4.8                             | 32x37x22        | 27.5   | 1.2    |        | 2       |
| 1500 | 0.47             | 474RSB152K4H   | 1500             | 16.5                                          | 4.1                             | 32x37x22        | 27.5   | 1.2    | 10.2   | 4       |
| 1500 | 0.47             | 474PSB152K4J   | 1220             | 16                                            | 3.8                             | 42.5x37x28      | 37.5   | 1.2    | 10.2   | 4       |
| 1500 | 0.47             | 474PSB152K2J   | 1220             | 14                                            | 4.5                             | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 1500 | 0.56             | 564PSB152K2J   | 1220             | 14                                            | 4.2                             | 41.5x40x20      | 37.5   | 1.2    |        | 2       |
| 1500 | 0.56             | 564PSB152K4J   | 1220             | 19.5                                          | 3.5                             | 41.5x40x20      | 37.5   | 1.2    | 10.2   | 4       |
| 1500 | 0.68             | 684PSB152K4J   | 1220             | 20.5                                          | 3.2                             | 41.5x44x24      | 37.5   | 1.2    | 10.2   | 4       |
| 1500 | 0.68             | 684PSB152K4J   | 1220             | 20.5                                          | 3.2                             | 42.5x37x28      | 37.5   | 1.2    | 10.2   | 4       |
| 1500 | 0.68             | 684RSB152K2J   | 1000             | 13                                            | 5.5                             | 42.5x33.5x22    | 37.5   | 1.2    |        | 2       |
| 1500 | 0.68             | 684PSB152K2JA  | 1220             | 14                                            | 3.9                             | 41.5x44x24      | 37.5   | 1.2    |        | 2       |
| 1500 | 0.68             | 684PSB152K2J   | 1220             | 14                                            | 3.9                             | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 1500 | 0.75             | 754PSB152K2J   | 1220             | 14                                            | 3.6                             | 41.5x44x24      | 37.5   | 1.2    |        | 2       |
| 1500 | 0.75             | 754PSB152K4J   | 1220             | 23.5                                          | 2.9                             | 41.5x44x24      | 37.5   | 1.2    | 10.2   | 4       |
| 1500 | 1                | 105PSB152K4J   | 1220             | 26                                            | 2.6                             | 42.5x45x30      | 37.5   | 1.2    | 20.3   | 4       |
| 1500 | 1                | 105RSB152K2J   | 1000             | 14                                            | 4.8                             | 42.5x37x28      | 37.5   | 1.2    |        | 2       |
| 1500 | 1                | 105RSB152K2JA  | 1000             | 14                                            | 4.8                             | 41.5x44x24      | 37.5   | 1.2    |        | 2       |
| 1500 | 1                | 105PSB152K2J   | 1220             | 14                                            | 3.3                             | 42.5x45x30      | 37.5   | 1.2    |        | 2       |
| 1500 | 1                | 105RSB152K4J   | 1000             | 18                                            | 4.1                             | 42.5x37x28      | 37.5   | 1.2    | 20.3   | 4       |
| 1500 | 1                | 105RSB152K4JA  | 1000             | 19.5                                          | 4.1                             | 41.5x44x24      | 37.5   | 1.2    | 10.2   | 4       |
| 1500 | 1.2              | 125PSB152K2R   | 725              | 14                                            | 3.6                             | 57.5x45x30      | 52.5   | 1.2    |        | 2       |
| 1500 | 1.2              | 125PSB152K4R   | 725              | 25                                            | 2.9                             | 57.5x45x30      | 52.5   | 1.2    | 20.3   | 4       |
| 1500 | 1.5              | 155RSB152K2J   | 1000             | 14                                            | 4                               | 42.5x45x30      | 37.5   | 1.2    |        | 2       |
| 1500 | 1.5              | 155RSB152K4J   | 1000             | 23                                            | 3.3                             | 42.5x45x30      | 37.5   | 1.2    | 20.3   | 4       |

# PSB\_RSB

2,4,6 Radial Lead, High  
Current/low ESR

| WVDC | Capacitance<br>(μF) | IC PART NUMBER | dv/dt<br>(v/μ sec.) | Maximum<br>RMS Ripple<br>Current<br>(A)<br>100 kHz,<br>+70°C | Typical<br>ESR (mΩ)<br>100 kHz,<br>+25°C | Dims LxHxT<br>(mm) | S (MM) | d (MM) | P (MM) | # Leads |
|------|---------------------|----------------|---------------------|--------------------------------------------------------------|------------------------------------------|--------------------|--------|--------|--------|---------|
| 1500 | 1.5                 | 155PSB152K2R   | 725                 | 14                                                           | 3.3                                      | 57.5x50x35         | 52.5   | 1.2    |        | 2       |
| 1500 | 1.5                 | 155PSB152K4R   | 725                 | 27                                                           | 2.6                                      | 57.5x50x35         | 52.5   | 1.2    | 20.3   | 4       |
| 1500 | 1.8                 | 185PSB152K4R   | 725                 | 27                                                           | 2.4                                      | 57.5x50x35         | 52.5   | 1.2    | 20.3   | 4       |
| 1500 | 1.8                 | 185PSB152K6R   | 725                 | 30.5                                                         | 2.3                                      | 57.5x50x35         | 52.5   | 1.2    | 10.2   | 6       |
| 1500 | 1.8                 | 185PSB152K2R   | 725                 | 14                                                           | 3.1                                      | 57.5x50x35         | 52.5   | 1.2    |        | 2       |
| 1500 | 2                   | 205RSB152K2R   | 575                 | 14                                                           | 4.3                                      | 57.5x45x30         | 52.5   | 1.2    |        | 2       |
| 1500 | 2                   | 205RSB152K4R   | 575                 | 22.5                                                         | 3.6                                      | 57.5x45x30         | 52.5   | 1.2    | 20.3   | 4       |
| 1500 | 2.2                 | 225PSB152K4R   | 725                 | 27                                                           | 3                                        | 57.5x57.5x38       | 52.5   | 1.2    | 20.3   | 4       |
| 1500 | 2.2                 | 225RSB152K4R   | 575                 | 24.5                                                         | 3.5                                      | 57.5x50x35         | 52.5   | 1.2    | 20.3   | 4       |
| 1500 | 2.2                 | 225RSB152K2R   | 575                 | 14                                                           | 4.2                                      | 57.5x50x35         | 52.5   | 1.2    |        | 2       |
| 1500 | 2.5                 | 255RSB152K2R   | 575                 | 14                                                           | 4                                        | 57.5x50x35         | 52.5   | 1.2    |        | 2       |
| 1500 | 2.5                 | 255PSB152K4R   | 725                 | 27                                                           | 2.2                                      | 57.5x57.5x38       | 52.5   | 1.2    | 20.3   | 4       |
| 1500 | 2.5                 | 255RSB152K4R   | 575                 | 26                                                           | 3.3                                      | 57.5x50x35         | 52.5   | 1.2    | 20.3   | 4       |
| 1500 | 2.5                 | 255PSB152K6R   | 725                 | 35                                                           | 2.1                                      | 57.5x57.5x38       | 52.5   | 1.2    | 10.2   | 6       |
| 1500 | 3.3                 | 335RSB152K6R   | 575                 | 31                                                           | 2.7                                      | 57.5x57.5x38       | 52.5   | 1.2    | 10.2   | 6       |
| 1500 | 3.3                 | 335RSB152K4R   | 575                 | 27                                                           | 2.8                                      | 57.5x57.5x38       | 52.5   | 1.2    | 20.3   | 4       |
| 2000 | 0.015               | 153PSB202K2G   | 3600                | 2                                                            | 38                                       | 26.5x16x7          | 22.5   | 0.8    |        | 2       |
| 2000 | 0.022               | 223PSB202K2G   | 3600                | 3                                                            | 28                                       | 26.5x17x8.5        | 22.5   | 0.8    |        | 2       |
| 2000 | 0.033               | 333PSB202K2G   | 3600                | 4.5                                                          | 20.5                                     | 26.5x20x11         | 22.5   | 0.8    |        | 2       |
| 2000 | 0.033               | 333PSB202K2H   | 2550                | 4                                                            | 23.7                                     | 32x20x11           | 27.5   | 0.8    |        | 2       |
| 2000 | 0.047               | 473PSB202K2G   | 3600                | 5                                                            | 14.8                                     | 26.5x22x13         | 22.5   | 0.8    |        | 2       |
| 2000 | 0.047               | 473PSB202K2H   | 2550                | 4.5                                                          | 16.8                                     | 32x20x11           | 27.5   | 0.8    |        | 2       |
| 2000 | 0.068               | 683PSB202K2H   | 2550                | 6                                                            | 12.1                                     | 32x22x13           | 27.5   | 0.8    |        | 2       |
| 2000 | 0.1                 | 104PSB202K2H   | 2550                | 7.5                                                          | 8.4                                      | 32x24.5x15         | 27.5   | 1      |        | 2       |
| 2000 | 0.15                | 154PSB202K2H   | 2550                | 11                                                           | 6.5                                      | 32x33x18           | 27.5   | 1.2    |        | 2       |
| 2000 | 0.15                | 154PSB202K4H   | 2550                | 12.5                                                         | 5.8                                      | 32x33x18           | 27.5   | 1.2    | 10.2   | 4       |
| 2000 | 0.15                | 154PSB202K2J   | 1600                | 9.5                                                          | 8.1                                      | 42.5x28x17         | 37.5   | 1.2    |        | 2       |
| 2000 | 0.22                | 224PSB202K2H   | 2550                | 14                                                           | 5.2                                      | 32x37x22           | 27.5   | 1.2    |        | 2       |
| 2000 | 0.22                | 224RSB202K2H   | 1900                | 11                                                           | 8.1                                      | 32x33x18           | 27.5   | 1.2    |        | 2       |
| 2000 | 0.22                | 224PSB202K4H   | 2550                | 16                                                           | 4.5                                      | 32x37x22           | 27.5   | 1.2    | 10.2   | 4       |
| 2000 | 0.22                | 224PSB202K2J   | 1600                | 12                                                           | 5.9                                      | 42.5x30x22         | 37.5   | 1.2    |        | 2       |
| 2000 | 0.33                | 334RSB202K2H   | 1900                | 14                                                           | 5.8                                      | 32x37x22           | 27.5   | 1.2    |        | 2       |
| 2000 | 0.33                | 334RSB202K4H   | 1600                | 15.5                                                         | 5.1                                      | 32x37x22           | 27.5   | 1.2    | 10.2   | 4       |
| 2000 | 0.33                | 334PSB202K4J   | 1600                | 17.5                                                         | 4.2                                      | 42.5x37x28         | 37.5   | 1.2    | 10.2   | 4       |
| 2000 | 0.33                | 334PSB202K2J   | 1600                | 14                                                           | 4.9                                      | 42.5x37x28         | 37.5   | 1.2    |        | 2       |
| 2000 | 0.33                | 334RSB202K2J   | 1600                | 11                                                           | 7.4                                      | 42.5x30x22         | 37.5   | 1.2    |        | 2       |
| 2000 | 0.33                | 334PSB202K2JA  | 1600                | 14                                                           | 4.9                                      | 41.5x40x20         | 37.5   | 1.2    |        | 2       |
| 2000 | 0.33                | 334PSB202K4JA  | 1600                | 18                                                           | 4.2                                      | 41.5x40x20         | 37.5   | 1.2    | 10.2   | 4       |
| 2000 | 0.47                | 474PSB202K4JA  | 1600                | 21.5                                                         | 3.4                                      | 41.5x44x24         | 37.5   | 1.2    | 10.2   | 4       |
| 2000 | 0.47                | 474PSB202K2JA  | 1600                | 14                                                           | 4.1                                      | 41.5x44x24         | 37.5   | 1.2    |        | 2       |
| 2000 | 0.47                | 474RSB202K2J   | 1220                | 13                                                           | 6.1                                      | 42.5x33.5x22       | 37.5   | 1.2    |        | 2       |
| 2000 | 0.47                | 474PSB202K2J   | 1600                | 14                                                           | 4.1                                      | 42.5x37x28         | 37.5   | 1.2    |        | 2       |
| 2000 | 0.47                | 474PSB202K4J   | 1600                | 20                                                           | 3.4                                      | 42.5x37x28         | 37.5   | 1.2    | 20.3   | 4       |
| 2000 | 0.56                | 564PSB202K4J   | 1600                | 23.5                                                         | 3.1                                      | 42.5x45x30         | 37.5   | 1.2    | 20.3   | 4       |
| 2000 | 0.56                | 564PSB202K2J   | 1600                | 14                                                           | 3.8                                      | 42.5x45x30         | 37.5   | 1.2    |        | 2       |
| 2000 | 0.68                | 684RSB202K2J   | 1220                | 14                                                           | 5.4                                      | 42.5x37x28         | 37.5   | 1.2    |        | 2       |
| 2000 | 0.68                | 684RSB202K2JA  | 1220                | 14                                                           | 5.4                                      | 51.5x44x24         | 37.5   | 1.2    |        | 2       |
| 2000 | 0.68                | 684RSB202K4JA  | 1220                | 18.5                                                         | 4.7                                      | 41.5x44x24         | 37.5   | 1.2    | 10.2   | 4       |
| 2000 | 0.68                | 684RSB202K4J   | 1220                | 17                                                           | 4.7                                      | 42.5x37x28         | 37.5   | 1.2    | 10.2   | 4       |
| 2000 | 0.68                | 684PSB202K2R   | 930                 | 14                                                           | 4.4                                      | 57.5x45x30         | 52.5   | 1.2    |        | 2       |
| 2000 | 0.68                | 684PSB202K4R   | 930                 | 22                                                           | 3.6                                      | 57.5x45x30         | 52.5   | 1.2    | 20.3   | 4       |
| 2000 | 0.82                | 824RSB202K4J   | 1220                | 20                                                           | 4.2                                      | 42.5x45x30         | 37.5   | 1.2    | 20.3   | 4       |
| 2000 | 0.82                | 824PSB202K6R   | 580                 | 24                                                           | 3.1                                      | 57.5x45x30         | 52.5   | 1.2    | 10.2   | 6       |
| 2000 | 0.82                | 824PSB202K4R   | 930                 | 23.5                                                         | 3.2                                      | 57.5x45x30         | 52.5   | 1.2    | 20.3   | 4       |
| 2000 | 0.82                | 824PSB202K2R   | 930                 | 14                                                           | 3.9                                      | 57.5x45x30         | 52.5   | 1.2    |        | 2       |
| 2000 | 1                   | 105RSB202K2J   | 1220                | 14                                                           | 4.5                                      | 42.5x45x30         | 37.5   | 1.2    |        | 2       |
| 2000 | 1                   | 105RSB202K4J   | 1220                | 21.5                                                         | 3.8                                      | 42.5x45x30         | 37.5   | 1.2    | 20.3   | 4       |
| 2000 | 1                   | 105PSB202K2R   | 930                 | 14                                                           | 3.6                                      | 57.5x50x35         | 52.5   | 1.2    |        | 2       |

# PSB\_RSB

2,4,6 Radial Lead, High  
Current/low ESR

| WVDC | Capacitance<br>(μF) | IC PART NUMBER | dv/dt<br>(v/μ sec.) | Maximum<br>RMS Ripple<br>Current<br>(A)<br>100 kHz,<br>+70°C | Typical<br>ESR (mΩ)<br>100 kHz,<br>+25°C | Dims LxHxT<br>(mm) | S (MM) | d (MM) | P (MM) | # Leads |
|------|---------------------|----------------|---------------------|--------------------------------------------------------------|------------------------------------------|--------------------|--------|--------|--------|---------|
| 2000 | 1                   | 105PSB202K4R   | 930                 | 27                                                           | 2.9                                      | 57.5x50x35         | 52.5   | 1.2    | 20.3   | 4       |
| 2000 | 1                   | 105PSB202K6R   | 580                 | 27                                                           | 2.9                                      | 57.5x50x35         | 52.5   | 1.2    | 10.2   | 6       |
| 2000 | 1.2                 | 125PSB202K6R   | 930                 | 29.5                                                         | 2.5                                      | 57.5x50x35         | 52.5   | 1.2    | 10.2   | 6       |
| 2000 | 1.2                 | 125PSB202K4R   | 930                 | 27                                                           | 2.6                                      | 57.5x50x35         | 52.5   | 1.2    | 20.3   | 4       |
| 2000 | 1.2                 | 125PSB202K2R   | 930                 | 14                                                           | 3.3                                      | 57.5x50x35         | 52.5   | 1.2    |        | 2       |
| 2000 | 1.2                 | 125RSB202K2R   | 870                 | 14                                                           | 4.8                                      | 57.5x45x30         | 52.5   | 1.2    |        | 2       |
| 2000 | 1.2                 | 125RSB202K4R   | 870                 | 21.5                                                         | 4.1                                      | 57.5x45x30         | 52.5   | 1.2    | 20.3   | 4       |
| 2000 | 1.5                 | 155RSB202K4R   | 725                 | 24.5                                                         | 3.7                                      | 57.5x50x35         | 52.5   | 1.2    | 20.3   | 4       |
| 2000 | 1.5                 | 155RSB202K2R   | 725                 | 14                                                           | 4.4                                      | 57.5x50x35         | 52.5   | 1.2    |        | 2       |
| 2000 | 1.5                 | 155PSB202K6R   | 930                 | 33                                                           | 2.2                                      | 57.5x57.5x38       | 52.5   | 1.2    | 10.2   | 6       |
| 2000 | 1.5                 | 155PSB202K4R   | 930                 | 27                                                           | 2.3                                      | 57.3x57.5x38       | 52.5   | 1.2    | 20.3   | 4       |
| 2000 | 1.7                 | 175PSB202K6R   | 930                 | 34.5                                                         | 2.1                                      | 57.5x57.5x38       | 52.5   | 1.2    | 10.2   | 6       |
| 2000 | 2.2                 | 225RSB202K6R   | 725                 | 29.5                                                         | 3                                        | 57.5x57.5x38       | 52.5   | 1.2    | 10.2   | 6       |
| 2000 | 2.2                 | 225RSB202K4R   | 725                 | 27                                                           | 3.1                                      | 57.5x57.5x38       | 52.5   | 1.2    | 20.3   | 4       |
| 2500 | 0.0068              | 682PSB252K2G   | 4900                | 1.5                                                          | 70                                       | 26.5x16x7          | 22.5   | 0.8    |        | 2       |
| 2500 | 0.01                | 103PSB252K2G   | 4900                | 2                                                            | 51                                       | 26.5x17x8.5        | 22.5   | 0.8    |        | 2       |
| 2500 | 0.015               | 153PSB252K2G   | 4900                | 2.5                                                          | 36                                       | 26.5x18.5x10       | 22.5   | 0.8    |        | 2       |
| 2500 | 0.022               | 223PSB252K2G   | 4900                | 3.5                                                          | 26.5                                     | 26.5x22x13         | 22.5   | 0.8    |        | 2       |
| 2500 | 0.022               | 223PSB252K2H   | 3350                | 3.5                                                          | 30.5                                     | 32x20x11           | 27.5   | 0.8    |        | 2       |
| 2500 | 0.033               | 333PSB252K2H   | 3350                | 4                                                            | 22.5                                     | 32x22x13           | 27.5   | 0.8    |        | 2       |
| 2500 | 0.047               | 473PSB252K2H   | 3350                | 5.5                                                          | 16                                       | 32x24.5x15         | 27.5   | 0.8    |        | 2       |
| 2500 | 0.068               | 683PSB252K2H   | 3350                | 8.5                                                          | 11.3                                     | 32x33x18           | 27.5   | 1      |        | 2       |
| 2500 | 0.1                 | 104PSB252K2H   | 3350                | 10.5                                                         | 7.6                                      | 32x33x18           | 27.5   | 1.2    |        | 2       |
| 2500 | 0.1                 | 104PSB252K4H   | 3350                | 11.5                                                         | 6.9                                      | 32x33x18           | 27.5   | 1.2    |        | 4       |
| 2500 | 0.1                 | 104PSB252K2J   | 2050                | 8                                                            | 11.5                                     | 42.5x28x17         | 37.5   | 1.2    |        | 2       |
| 2500 | 0.15                | 154RSB252K2J   | 2550                | 10                                                           | 9.1                                      | 32x33x18           | 27.5   | 1.2    |        | 2       |
| 2500 | 0.15                | 154PSB252K2J   | 3350                | 13.5                                                         | 6                                        | 32x37x22           | 27.5   | 1.2    |        | 2       |
| 2500 | 0.15                | 154PSB252K4J   | 3350                | 14.5                                                         | 5.3                                      | 32x37x22           | 27.5   | 1.2    | 10.2   | 4       |
| 2500 | 0.15                | 154PSB252K2J   | 2050                | 10.5                                                         | 7.9                                      | 42.5x30x22         | 37.5   | 1.2    |        | 2       |
| 2500 | 0.22                | 224RSB252K2H   | 2550                | 12.5                                                         | 7.1                                      | 32x37x22           | 27.5   | 1.2    |        | 2       |
| 2500 | 0.22                | 224RSB252K2J   | 1600                | 10                                                           | 8.3                                      | 42x32x17           | 27.5   | 1.2    |        | 2       |
| 2500 | 0.22                | 224PSB252K2JA  | 2050                | 14                                                           | 6                                        | 41.5x40x20         | 37.5   | 1.2    |        | 2       |
| 2500 | 0.22                | 224PSB252K2J   | 2050                | 14                                                           | 6                                        | 42.5x37x28         | 37.5   | 1.2    |        | 2       |
| 2500 | 0.22                | 224PSB252K4JA  | 2050                | 16                                                           | 5.3                                      | 41.5x40x20         | 37.5   | 1.2    | 10.2   | 4       |
| 2500 | 0.22                | 224PSB252K4J   | 2050                | 16                                                           | 5.3                                      | 42.5x37x28         | 37.5   | 1.2    |        | 4       |
| 2500 | 0.3                 | 304PSB252K4J   | 2050                | 20                                                           | 4.1                                      | 41.5x44x24         | 37.5   | 1.2    | 10.2   | 4       |
| 2500 | 0.3                 | 304PSB252K2J   | 2050                | 14                                                           | 4.8                                      | 41.5x44x24         | 37.5   | 1.2    |        | 2       |
| 2500 | 0.33                | 334PSB252K2J   | 2050                | 14                                                           | 4.6                                      | 42.5x45x30         | 37.5   | 1.2    |        | 2       |
| 2500 | 0.33                | 334PSB252K2J   | 2050                | 14                                                           | 4.6                                      | 42.5x45x30         | 37.5   | 1.2    |        | 2       |
| 2500 | 0.33                | 334PSB252K4J   | 1400                | 19.5                                                         | 3.9                                      | 42.5x45x30         | 37.5   | 1.2    |        | 4       |
| 2500 | 0.33                | 334PSB252K4J   | 1400                | 19.5                                                         | 3.9                                      | 42.5x45x30         | 37.5   | 1.2    |        | 4       |
| 2500 | 0.39                | 394PSB252K4J   | 2050                | 22                                                           | 3.5                                      | 42.5x45x30         | 37.5   | 1.2    |        | 4       |
| 2500 | 0.39                | 394PSB252K2J   | 2050                | 14                                                           | 4.4                                      | 42.5x45x30         | 37.5   | 1.2    |        | 2       |
| 2500 | 0.47                | 474RSB252K2J   | 1600                | 14                                                           | 5.5                                      | 42.5x37x28         | 37.5   | 1.2    |        | 2       |
| 2500 | 0.47                | 474RSB252K2JA  | 1600                | 14                                                           | 5.5                                      | 41.5x44x24         | 37.5   | 1.2    |        | 2       |
| 2500 | 0.47                | 474RSB252K4J   | 1600                | 16.5                                                         | 4.8                                      | 42.5x37x28         | 37.5   | 1.2    | 10.2   | 4       |
| 2500 | 0.47                | 474RSB252K4JA  | 1600                | 18                                                           | 4.8                                      | 41.5x44x24         | 37.5   | 1.2    | 10.2   | 4       |
| 2500 | 0.47                | 474PSB252K4R   | 1150                | 21                                                           | 4                                        | 57.5x45x30         | 52.5   | 1.2    | 20.3   | 4       |
| 2500 | 0.47                | 474PSB252K2R   | 1150                | 14                                                           | 4.7                                      | 57.5x45x30         | 52.5   | 1.2    |        | 2       |
| 2500 | 0.56                | 564PSB252K2R   | 1150                | 14                                                           | 4.3                                      | 57.5x45x30         | 52.5   | 1.2    |        | 2       |
| 2500 | 0.56                | 564PSB252K4R   | 1150                | 22.5                                                         | 3.6                                      | 57.5x45x30         | 52.5   | 1.2    | 20.3   | 4       |
| 2500 | 0.68                | 684PSB252K4R   | 1150                | 24.5                                                         | 3.3                                      | 57.5x50x35         | 52.5   | 1.2    | 20.3   | 4       |
| 2500 | 0.68                | 684RSB252K4R   | 930                 | 18                                                           | 5.1                                      | 57.5x45x30         | 52.5   | 1.2    | 20.3   | 4       |
| 2500 | 0.68                | 684PSB252K6R   | 750                 | 23                                                           | 3.6                                      | 57.5x50x35         | 52.5   | 1.2    | 10.2   | 6       |
| 2500 | 0.68                | 684PSB252K2R   | 1150                | 14                                                           | 4                                        | 57.5x50x35         | 52.5   | 1.2    |        | 2       |
| 2500 | 0.68                | 684RSB252K2R   | 930                 | 14                                                           | 5.8                                      | 57.5x45x30         | 52.5   | 1.2    |        | 2       |
| 2500 | 0.82                | 824PSB252K2R   | 1150                | 14                                                           | 3.6                                      | 57.5x50x35         | 52.5   | 1.2    |        | 2       |
| 2500 | 0.82                | 824PSB252K2R   | 1150                | 14                                                           | 3.6                                      | 57.5x50x35         | 52.5   | 1.2    |        | 2       |

# PSB\_RSB

2,4,6 Radial Lead, High  
Current/low ESR

| WVDC | Capacitance<br>(μF) | IC PART NUMBER | dv/dt<br>(v/μ sec.) | Maximum<br>RMS Ripple<br>Current<br>(A)<br>100 kHz,<br>+70°C | Typical<br>ESR (mΩ)<br>100 kHz,<br>+25°C | Dims LxHxT<br>(mm) | S (MM) | d (MM) | P (MM) | # Leads |
|------|---------------------|----------------|---------------------|--------------------------------------------------------------|------------------------------------------|--------------------|--------|--------|--------|---------|
| 2500 | 0.82                | 824RSB252K2R   | 930                 | 14                                                           | 5.3                                      | 57.5x45x30         | 52.5   | 1.2    |        | 4       |
| 2500 | 0.82                | 824PSB252K4R   | 750                 | 26.5                                                         | 3                                        | 57.5x50x35         | 52.5   | 1.2    | 20.3   | 4       |
| 2500 | 0.82                | 824PSB252K4R   | 750                 | 26.5                                                         | 3                                        | 57.5x50x35         | 52.5   | 1.2    | 20.3   | 4       |
| 2500 | 1                   | 105PSB252K4R   | 1150                | 27                                                           | 2.8                                      | 57.5x57.5x38       | 52.5   | 1.2    | 20.3   | 4       |
| 2500 | 1                   | 105RSB252K2R   | 930                 | 14                                                           | 4.9                                      | 57.5x50x35         | 52.5   | 1.2    |        | 2       |
| 2500 | 1                   | 105PSB252K6R   | 1150                | 30.5                                                         | 2.7                                      | 57.5x57.5x38       | 52.5   | 1.2    | 10.2   | lugs    |
| 2500 | 1.2                 | 125RSB252K2R   | 930                 | 14                                                           | 4.4                                      | 57.5x50x35         | 52.5   | 1.2    |        | 2       |
| 2500 | 1.2                 | 125RSB252K4R   | 930                 | 25                                                           | 3.7                                      | 57.5x50x35         | 52.5   | 1.2    | 20.3   | 4       |
| 2500 | 1.5                 | 155RSB252K4R   | 930                 | 27                                                           | 3.3                                      | 57.5x57.5x38       | 52.5   | 1.2    | 20.3   | 4       |
| 2500 | 1.5                 | 155RSB252K6R   | 930                 | 29                                                           | 3.2                                      | 57.5x57.5x38       | 52.5   | 1.2    | 10.2   | 6       |
| 3000 | 0.0047              | 472PSB302K2G   | 6300                | 1.5                                                          | 87                                       | 26.5x16x7          | 22.5   | 0.8    |        | 2       |
| 3000 | 0.0068              | 682PSB302K2G   | 6300                | 2                                                            | 64                                       | 26.5x17x8.5        | 22.5   | 0.8    |        | 2       |
| 3000 | 0.01                | 103PSB302K2G   | 6300                | 2.5                                                          | 46                                       | 26.5x20x11         | 22.5   | 0.8    |        | 2       |
| 3000 | 0.01                | 103PSB302K2H   | 4350                | 2.5                                                          | 54                                       | 32x20x11           | 27.5   | 0.8    |        | 2       |
| 3000 | 0.015               | 153PSB302K2G   | 6300                | 3                                                            | 33                                       | 26.5x22x13         | 22.5   | 0.8    |        | 2       |
| 3000 | 0.015               | 153PSB302K2H   | 4350                | 3                                                            | 38                                       | 32x20x11           | 27.5   | 0.8    |        | 2       |
| 3000 | 0.022               | 223PSB302K2H   | 4350                | 4                                                            | 26.5                                     | 32x22x13           | 27.5   | 0.8    |        | 2       |
| 3000 | 0.033               | 333PSB302K2H   | 4350                | 5                                                            | 19                                       | 32x24.5x15         | 27.5   | 0.8    |        | 2       |
| 3000 | 0.033               | 333PSB302K4H   | 2750                | 7                                                            | 18.3                                     | 32x33x18           | 27.5   | 1.2    | 5.1    | 4       |
| 3000 | 0.047               | 473PSB302K4H   | 4350                | 8.5                                                          | 13.3                                     | 32x33x18           | 27.5   | 1.2    | 10.2   | 4       |
| 3000 | 0.047               | 473PSB302K2H   | 4350                | 7.5                                                          | 14                                       | 32x33x18           | 27.5   | 1      |        | 2       |
| 3000 | 0.068               | 683PSB302K2H   | 4350                | 10                                                           | 10.4                                     | 32x37x22           | 27.5   | 1.2    |        | 2       |
| 3000 | 0.068               | 683PSB302K4H   | 4350                | 11                                                           | 9.6                                      | 32x37x22           | 27.5   | 1.2    | 10.2   | 4       |
| 3000 | 0.068               | 683PSB302K2J   | 2500                | 7.5                                                          | 12.3                                     | 42.5x28x17         | 37.5   | 1.2    |        | 2       |
| 3000 | 0.1                 | 104RSB302K2H   | 3350                | 9                                                            | 11                                       | 32x33x18           | 27.5   | 1.2    |        | 2       |
| 3000 | 0.1                 | 104PSB302K2J   | 2500                | 9.5                                                          | 9.3                                      | 42.5x30x22         | 37.5   | 1.2    |        | 2       |
| 3000 | 0.1                 | 104RSB302K2J   | 2050                | 7                                                            | 15.5                                     | 42.5x28x14         | 37.5   | 1.2    |        | 2       |
| 3000 | 0.1                 | 104PSB302K4J   | 2500                | 10.5                                                         | 8.6                                      | 42.5x30x22         | 37.5   | 1.2    | 10.2   | 4       |
| 3000 | 0.12                | 124PSB302K4J   | 2500                | 13.5                                                         | 7.6                                      | 41.5x40x20         | 37.5   | 1.2    | 10.2   | 4       |
| 3000 | 0.12                | 124PSB302K2J   | 2500                | 12                                                           | 8.3                                      | 41.5x40x20         | 37.5   | 1.2    |        | 2       |
| 3000 | 0.15                | 154RSB302K2H   | 3350                | 10                                                           | 9.1                                      | 32x37x22           | 27.5   | 1.2    |        | 2       |
| 3000 | 0.15                | 154RSB302K2H   | 3350                | 12                                                           | 8.5                                      | 32x37x22           | 27.5   | 1.2    |        | 2       |
| 3000 | 0.15                | 154RSB302K2J   | 2050                | 9                                                            | 10.8                                     | 42x32x17           | 37.5   | 1.2    |        | 2       |
| 3000 | 0.15                | 154PSB302K2J   | 2500                | 14                                                           | 6.7                                      | 42.5x37x28         | 37.5   | 1.2    |        | 2       |
| 3000 | 0.15                | 154PSB302K2JA  | 2500                | 14                                                           | 6.7                                      | 41.5x44x24         | 37.5   | 1.2    |        | 2       |
| 3000 | 0.15                | 154PSB302K4JA  | 2500                | 16                                                           | 6                                        | 41.5x44x24         | 37.5   | 1.2    | 10.2   | 4       |
| 3000 | 0.15                | 154PSB302K4J   | 2500                | 15                                                           | 6                                        | 42.5x37x28         | 37.5   | 1.2    | 20.3   | 4       |
| 3000 | 0.18                | 184PSB302K4J   | 2500                | 17.5                                                         | 5.3                                      | 41.5x44x24         | 37.5   | 1.2    | 10.2   | 4       |
| 3000 | 0.18                | 184PSB302K2J   | 2500                | 14                                                           | 6                                        | 41.5x44x24         | 37.5   | 1.2    |        | 2       |
| 3000 | 0.22                | 224RSB302K2J   | 2050                | 12.5                                                         | 8.1                                      | 42.5x37x28         | 37.5   | 1.2    |        | 2       |
| 3000 | 0.22                | 224RSB302K4J   | 2050                | 13.5                                                         | 7.4                                      | 42.5x37x38         | 37.5   | 1.2    | 10.2   | 4       |
| 3000 | 0.22                | 224RSB302K4JA  | 2050                | 14                                                           | 7.4                                      | 41.5x40x20         | 37.5   | 1.2    | 10.2   | 4       |
| 3000 | 0.22                | 224PSB302K2J   | 2050                | 14                                                           | 5.1                                      | 42.5x45x30         | 37.5   | 1.2    |        | 2       |
| 3000 | 0.22                | 224RSB302K2JA  | 2050                | 12.5                                                         | 8.1                                      | 41.5x40x20         | 37.5   | 1.2    |        | 2       |
| 3000 | 0.22                | 224RSB302K2J   | 2050                | 12.5                                                         | 8.1                                      | 42.5x37x28         | 37.5   | 1.2    |        | 2       |
| 3000 | 0.22                | 224PSB302K4J   | 2050                | 18.5                                                         | 4.4                                      | 42.5x45x30         | 37.5   | 1.2    | 20.3   | 4       |
| 3000 | 0.33                | 334RSB302K2J   | 2050                | 14                                                           | 6.2                                      | 42.5x45x30         | 37.5   | 1.2    |        | 2       |
| 3000 | 0.33                | 334RSB302K4J   | 2050                | 18                                                           | 5.5                                      | 42.5x45x30         | 37.5   | 1.2    | 10.2   | 4       |
| 3000 | 0.33                | 334PSB302K2R   | 900                 | 14                                                           | 5.1                                      | 57.5x45x30         | 52.5   | 1.2    |        | 2       |
| 3000 | 0.33                | 334PSB302K4R   | 1120                | 20.5                                                         | 4.4                                      | 57.5x45x30         | 52.5   | 1.2    | 20.3   | 4       |
| 3000 | 0.47                | 474PSB302K4R   | 1400                | 23.5                                                         | 3.9                                      | 57.5x50x35         | 52.5   | 1.2    | 20.3   | 4       |
| 3000 | 0.47                | 474PSB302K2R   | 1400                | 14                                                           | 4.6                                      | 57.5x50x35         | 52.5   | 1.2    |        | 2       |
| 3000 | 0.47                | 474RSB302K2R   | 1150                | 14                                                           | 6.6                                      | 57.5x45x30         | 52.5   | 1.2    |        | 2       |
| 3000 | 0.47                | 474RSB302K4R   | 1150                | 18                                                           | 5.9                                      | 57.5x45x30         | 52.5   | 1.2    | 10.2   | 4       |
| 3000 | 0.63                | 634PSB302K4R   | 1400                | 26.5                                                         | 3.5                                      | 57.5x57.5x38       | 52.5   | 1.2    | 20.3   | 4       |
| 3000 | 0.63                | 634PSB302K6R   | 1400                | 27.5                                                         | 3.4                                      | 57.5x57.5x38       | 52.5   | 1.2    | 10.2   | 6       |
| 3000 | 0.68                | 684RSB302K4R   | 1150                | 20.5                                                         | 5.2                                      | 57.5x50x35         | 52.5   | 1.2    | 20.3   | 4       |
| 3000 | 0.68                | 684RSB302K2R   | 1150                | 14                                                           | 5.9                                      | 57.5x50x35         | 52.5   | 1.2    |        | 2       |

# PSB\_RSB

2,4,6 Radial Lead, High  
Current/low ESR

| WVDC | Capacitance<br>( $\mu$ F) | IC PART NUMBER | dv/dt<br>(v/ $\mu$ sec.) | Maximum<br>RMS Ripple<br>Current<br>(A)<br>100 kHz,<br>+70°C | Typical<br>ESR (m $\Omega$ )<br>100 kHz,<br>+25°C | Dims LxHxT<br>(mm) | S (MM) | d (MM) | P (MM) | # Leads |
|------|---------------------------|----------------|--------------------------|--------------------------------------------------------------|---------------------------------------------------|--------------------|--------|--------|--------|---------|
| 3000 | 0.82                      | 824RSB302K2R   | 930                      | 14                                                           | 5.3                                               | 57.5x50x35         | 52.5   | 1.2    |        | 2       |
| 3000 | 0.82                      | 824RSB302K4R   | 1150                     | 22.5                                                         | 4.6                                               | 57.5x50x35         | 52.5   | 1.2    | 20.3   | 4       |
| 3000 | 1                         | 105RSB302K6R   | 1150                     | 26.5                                                         | 3.9                                               | 57.5x57.5x38       | 52.5   | 1.2    | 10.2   | 6       |
| 3000 | 1                         | 105RSB302K4R   | 930                      | 25                                                           | 4                                                 | 57.5x57.5x38       | 52.5   | 1.2    | 20.3   | 4       |

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



## JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,  
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