

**LSW SERIES**
**105°C Standard, Screw Terminal Type**
**◆FEATURES**

- Load Life : 105°C 3000 hours.
- RoHS compliance.


**◆SPECIFICATIONS**

| Items                              | Characteristics  |             |                    |                                   |                    |  |                 |                                    |         |      |      |               |    |    |               |    |      |     |     |     |     |    |     |      |     |     |     |  |    |     |     |     |     |     |    |     |     |      |     |     |    |     |     |     |     |     |     |      |     |      |      |      |    |     |     |     |     |     |         |      |      |     |     |     |    |      |     |     |     |     |         |     |     |      |      |      |
|------------------------------------|--|-------------|--------------------|-----------------------------------|--------------------|--|-----------------|------------------------------------|---------|------|------|---------------|----|----|---------------|----|------|-----|-----|-----|-----|----|-----|------|-----|-----|-----|--|----|-----|-----|-----|-----|-----|----|-----|-----|------|-----|-----|----|-----|-----|-----|-----|-----|-----|------|-----|------|------|------|----|-----|-----|-----|-----|-----|---------|------|------|-----|-----|-----|----|------|-----|-----|-----|-----|---------|-----|-----|------|------|------|
| Category Temperature Range         | -40~+105°C   | -25~+105°C  |                    |                                   |                    |  |                 |                                    |         |      |      |               |    |    |               |    |      |     |     |     |     |    |     |      |     |     |     |  |    |     |     |     |     |     |    |     |     |      |     |     |    |     |     |     |     |     |     |      |     |      |      |      |    |     |     |     |     |     |         |      |      |     |     |     |    |      |     |     |     |     |         |     |     |      |      |      |
| Rated Voltage Range                | 10~100V.DC   | 160~400V.DC |                    |                                   |                    |  |                 |                                    |         |      |      |               |    |    |               |    |      |     |     |     |     |    |     |      |     |     |     |  |    |     |     |     |     |     |    |     |     |      |     |     |    |     |     |     |     |     |     |      |     |      |      |      |    |     |     |     |     |     |         |      |      |     |     |     |    |      |     |     |     |     |         |     |     |      |      |      |
| Capacitance Tolerance              | ±20% (20°C, 120Hz)   |             |                    |                                   |                    |  |                 |                                    |         |      |      |               |    |    |               |    |      |     |     |     |     |    |     |      |     |     |     |  |    |     |     |     |     |     |    |     |     |      |     |     |    |     |     |     |     |     |     |      |     |      |      |      |    |     |     |     |     |     |         |      |      |     |     |     |    |      |     |     |     |     |         |     |     |      |      |      |
| Dissipation Factor(MAX)<br>(tan δ) | <table border="1"> <thead> <tr> <th>WV \ φD</th> <th>36</th> <th>51</th> <th>64</th> <th>77</th> <th>90</th> <th>WV \ φD</th> <th>36</th> <th>51</th> <th>64</th> <th>77</th> <th>90</th> <th>(20°C, 120Hz)</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>0.75</td> <td>1.0</td> <td>1.3</td> <td>1.5</td> <td>1.5</td> <td>63</td> <td>0.2</td> <td>0.25</td> <td>0.3</td> <td>0.4</td> <td>0.4</td> <td rowspan="6"></td> </tr> <tr> <td>16</td> <td>0.6</td> <td>0.7</td> <td>0.8</td> <td>1.0</td> <td>1.0</td> <td>80</td> <td>0.2</td> <td>0.2</td> <td>0.25</td> <td>0.3</td> <td>0.3</td> </tr> <tr> <td>25</td> <td>0.4</td> <td>0.5</td> <td>0.7</td> <td>0.8</td> <td>0.8</td> <td>100</td> <td>0.15</td> <td>0.2</td> <td>0.25</td> <td>0.25</td> <td>0.25</td> </tr> <tr> <td>35</td> <td>0.3</td> <td>0.5</td> <td>0.6</td> <td>0.7</td> <td>0.7</td> <td>160~250</td> <td>0.15</td> <td>0.15</td> <td>0.2</td> <td>0.2</td> <td>0.2</td> </tr> <tr> <td>50</td> <td>0.25</td> <td>0.3</td> <td>0.5</td> <td>0.6</td> <td>0.6</td> <td>315~400</td> <td>0.2</td> <td>0.2</td> <td>0.25</td> <td>0.25</td> <td>0.25</td> </tr> </tbody> </table> |             | WV \ φD            | 36                                | 51                 | 64   | 77              | 90                                 | WV \ φD | 36   | 51   | 64            | 77 | 90 | (20°C, 120Hz) | 10 | 0.75 | 1.0 | 1.3 | 1.5 | 1.5 | 63 | 0.2 | 0.25 | 0.3 | 0.4 | 0.4 |  | 16 | 0.6 | 0.7 | 0.8 | 1.0 | 1.0 | 80 | 0.2 | 0.2 | 0.25 | 0.3 | 0.3 | 25 | 0.4 | 0.5 | 0.7 | 0.8 | 0.8 | 100 | 0.15 | 0.2 | 0.25 | 0.25 | 0.25 | 35 | 0.3 | 0.5 | 0.6 | 0.7 | 0.7 | 160~250 | 0.15 | 0.15 | 0.2 | 0.2 | 0.2 | 50 | 0.25 | 0.3 | 0.5 | 0.6 | 0.6 | 315~400 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 |
| WV \ φD                            | 36   | 51          | 64                 | 77                                | 90                 | WV \ φD                                    | 36              | 51                                 | 64      | 77   | 90   | (20°C, 120Hz) |    |    |               |    |      |     |     |     |     |    |     |      |     |     |     |  |    |     |     |     |     |     |    |     |     |      |     |     |    |     |     |     |     |     |     |      |     |      |      |      |    |     |     |     |     |     |         |      |      |     |     |     |    |      |     |     |     |     |         |     |     |      |      |      |
| 10                                 | 0.75   | 1.0         | 1.3                | 1.5                               | 1.5                | 63   | 0.2             | 0.25                               | 0.3     | 0.4  | 0.4  |               |    |    |               |    |      |     |     |     |     |    |     |      |     |     |     |  |    |     |     |     |     |     |    |     |     |      |     |     |    |     |     |     |     |     |     |      |     |      |      |      |    |     |     |     |     |     |         |      |      |     |     |     |    |      |     |     |     |     |         |     |     |      |      |      |
| 16                                 | 0.6  | 0.7         | 0.8                | 1.0                               | 1.0                | 80   | 0.2             | 0.2                                | 0.25    | 0.3  | 0.3  |               |    |    |               |    |      |     |     |     |     |    |     |      |     |     |     |  |    |     |     |     |     |     |    |     |     |      |     |     |    |     |     |     |     |     |     |      |     |      |      |      |    |     |     |     |     |     |         |      |      |     |     |     |    |      |     |     |     |     |         |     |     |      |      |      |
| 25                                 | 0.4  | 0.5         | 0.7                | 0.8                               | 0.8                | 100  | 0.15            | 0.2                                | 0.25    | 0.25 | 0.25 |               |    |    |               |    |      |     |     |     |     |    |     |      |     |     |     |  |    |     |     |     |     |     |    |     |     |      |     |     |    |     |     |     |     |     |     |      |     |      |      |      |    |     |     |     |     |     |         |      |      |     |     |     |    |      |     |     |     |     |         |     |     |      |      |      |
| 35                                 | 0.3  | 0.5         | 0.6                | 0.7                               | 0.7                | 160~250                                    | 0.15            | 0.15                               | 0.2     | 0.2  | 0.2  |               |    |    |               |    |      |     |     |     |     |    |     |      |     |     |     |  |    |     |     |     |     |     |    |     |     |      |     |     |    |     |     |     |     |     |     |      |     |      |      |      |    |     |     |     |     |     |         |      |      |     |     |     |    |      |     |     |     |     |         |     |     |      |      |      |
| 50                                 | 0.25   | 0.3         | 0.5                | 0.6                               | 0.6                | 315~400                                    | 0.2             | 0.2                                | 0.25    | 0.25 | 0.25 |               |    |    |               |    |      |     |     |     |     |    |     |      |     |     |     |  |    |     |     |     |     |     |    |     |     |      |     |     |    |     |     |     |     |     |     |      |     |      |      |      |    |     |     |     |     |     |         |      |      |     |     |     |    |      |     |     |     |     |         |     |     |      |      |      |
| Leakage Current(MAX)               | I=0.02CV or 5mA whichever is smaller. (After 5 minutes application of rated voltage)<br>I=Leakage Current(μA)      V=Rated Voltage(V)      C=Rated Capacitance(μF)   |             |                    |                                   |                    |  |                 |                                    |         |      |      |               |    |    |               |    |      |     |     |     |     |    |     |      |     |     |     |  |    |     |     |     |     |     |    |     |     |      |     |     |    |     |     |     |     |     |     |      |     |      |      |      |    |     |     |     |     |     |         |      |      |     |     |     |    |      |     |     |     |     |         |     |     |      |      |      |
| Endurance                          | After applying rated voltage with rated ripple current for 3000hrs at 105°C, the capacitors shall meet the following requirements. <table border="1"> <tr> <td>Capacitance Change</td> <td>Within ±15% of the initial value.</td> </tr> <tr> <td>Dissipation Factor</td> <td>Not more than 175% of the specified value.</td> </tr> <tr> <td>Leakage Current</td> <td>Not more than the specified value.</td> </tr> </table>  |             | Capacitance Change | Within ±15% of the initial value. | Dissipation Factor | Not more than 175% of the specified value. | Leakage Current | Not more than the specified value. |         |      |      |               |    |    |               |    |      |     |     |     |     |    |     |      |     |     |     |  |    |     |     |     |     |     |    |     |     |      |     |     |    |     |     |     |     |     |     |      |     |      |      |      |    |     |     |     |     |     |         |      |      |     |     |     |    |      |     |     |     |     |         |     |     |      |      |      |
| Capacitance Change                 | Within ±15% of the initial value.  |             |                    |                                   |                    |  |                 |                                    |         |      |      |               |    |    |               |    |      |     |     |     |     |    |     |      |     |     |     |  |    |     |     |     |     |     |    |     |     |      |     |     |    |     |     |     |     |     |     |      |     |      |      |      |    |     |     |     |     |     |         |      |      |     |     |     |    |      |     |     |     |     |         |     |     |      |      |      |
| Dissipation Factor                 | Not more than 175% of the specified value.   |             |                    |                                   |                    |  |                 |                                    |         |      |      |               |    |    |               |    |      |     |     |     |     |    |     |      |     |     |     |  |    |     |     |     |     |     |    |     |     |      |     |     |    |     |     |     |     |     |     |      |     |      |      |      |    |     |     |     |     |     |         |      |      |     |     |     |    |      |     |     |     |     |         |     |     |      |      |      |
| Leakage Current                    | Not more than the specified value.   |             |                    |                                   |                    |  |                 |                                    |         |      |      |               |    |    |               |    |      |     |     |     |     |    |     |      |     |     |     |  |    |     |     |     |     |     |    |     |     |      |     |     |    |     |     |     |     |     |     |      |     |      |      |      |    |     |     |     |     |     |         |      |      |     |     |     |    |      |     |     |     |     |         |     |     |      |      |      |
| Shelf Life                         | After storage for 500 hours with no voltage applied at 105°C, the capacitors shall be subjected to the voltage treatment in JIS C 5102 and shall be meet the following requirements. <table border="1"> <tr> <td>Capacitance Change</td> <td>Within ±15% of the initial value.</td> </tr> <tr> <td>Dissipation Factor</td> <td>Not more than 150% of the specified value.</td> </tr> <tr> <td>Leakage Current</td> <td>Not more than the specified value.</td> </tr> </table>  |             | Capacitance Change | Within ±15% of the initial value. | Dissipation Factor | Not more than 150% of the specified value. | Leakage Current | Not more than the specified value. |         |      |      |               |    |    |               |    |      |     |     |     |     |    |     |      |     |     |     |  |    |     |     |     |     |     |    |     |     |      |     |     |    |     |     |     |     |     |     |      |     |      |      |      |    |     |     |     |     |     |         |      |      |     |     |     |    |      |     |     |     |     |         |     |     |      |      |      |
| Capacitance Change                 | Within ±15% of the initial value.  |             |                    |                                   |                    |  |                 |                                    |         |      |      |               |    |    |               |    |      |     |     |     |     |    |     |      |     |     |     |  |    |     |     |     |     |     |    |     |     |      |     |     |    |     |     |     |     |     |     |      |     |      |      |      |    |     |     |     |     |     |         |      |      |     |     |     |    |      |     |     |     |     |         |     |     |      |      |      |
| Dissipation Factor                 | Not more than 150% of the specified value.   |             |                    |                                   |                    |  |                 |                                    |         |      |      |               |    |    |               |    |      |     |     |     |     |    |     |      |     |     |     |  |    |     |     |     |     |     |    |     |     |      |     |     |    |     |     |     |     |     |     |      |     |      |      |      |    |     |     |     |     |     |         |      |      |     |     |     |    |      |     |     |     |     |         |     |     |      |      |      |
| Leakage Current                    | Not more than the specified value.   |             |                    |                                   |                    |  |                 |                                    |         |      |      |               |    |    |               |    |      |     |     |     |     |    |     |      |     |     |     |  |    |     |     |     |     |     |    |     |     |      |     |     |    |     |     |     |     |     |     |      |     |      |      |      |    |     |     |     |     |     |         |      |      |     |     |     |    |      |     |     |     |     |         |     |     |      |      |      |

**◆MULTIPLIER FOR RIPPLE CURRENT**

Frequency coefficient

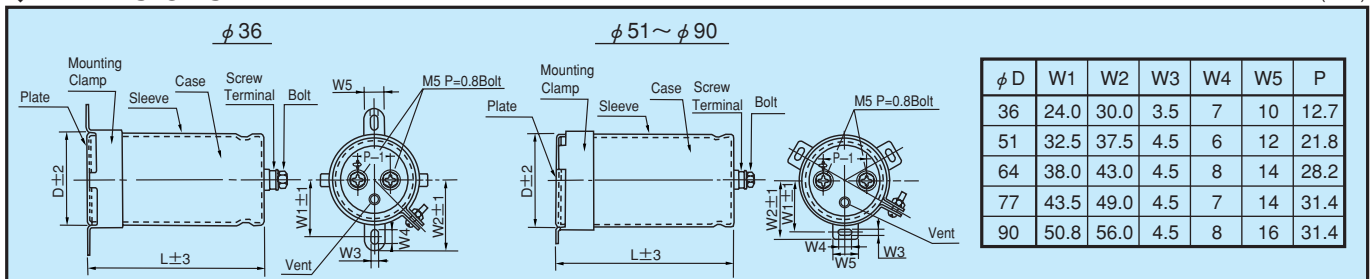
| 周波数 (Hz) Frequency | 60(50) | 120  | 400  | 1k   | 10k ≤ |
|--------------------|--------|------|------|------|-------|
| 10~50WV            | 0.80   | 1.00 | 1.03 | 1.05 | 1.08  |
| 63~100WV           | 0.80   | 1.00 | 1.05 | 1.07 | 1.10  |
| 160~400WV          | 0.80   | 1.00 | 1.10 | 1.13 | 1.18  |

**◆PART NUMBER**

|               |        |                   |                       |        |           |
|---------------|--------|-------------------|-----------------------|--------|-----------|
| □□□           | LSW    | □□□□□             | □                     | □□□    | DXL       |
| Rated Voltage | Series | Rated Capacitance | Capacitance Tolerance | Option | Case Size |

**◆DIMENSIONS**

(mm)





※Please notice the following conditions for use.

- (1) Maximum screw terminal tightening torque; 33kg/Ǝcm or less.
- (2) Maximum ripple current shall be 50Arms or less because of the rated current of M5 screw terminal.

◆STANDARD SIZE, RATED RIPPLE CURRENT

| WV<br>Cap(μF) | 10V    |      | 16V    |      | 25V    |      | 35V    |      | 50V    |      | 63V    |       | 80V    |       |     |
|---------------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|-------|--------|-------|-----|
|               | 3300   |      |        |      |        |      |        |      |        |      |        |       |        | 36×50 | 3.0 |
| 3900          |        |      |        |      |        |      |        |      |        |      |        |       | 36×63  | 3.3   |     |
| 4700          |        |      |        |      |        |      |        |      |        |      |        | 36×50 | 3.2    | 36×83 | 3.6 |
| 5600          |        |      |        |      |        |      |        |      |        |      |        | 36×63 | 3.5    | 36×83 | 3.9 |
| 6800          |        |      |        |      |        |      | 36×50  | 2.5  | 36×50  | 3.6  | 36×63  | 3.8   | 36×83  | 4.3   |     |
| 8200          |        |      |        |      |        |      | 36×50  | 2.8  | 36×63  | 3.9  | 36×83  | 4.3   | 36×98  | 5.1   |     |
| 10000         |        |      |        |      |        |      | 36×50  | 3.8  | 36×83  | 4.2  | 36×83  | 4.7   | 36×118 | 5.8   |     |
| 12000         |        |      |        |      |        |      | 36×63  | 4.3  | 36×83  | 5.0  | 36×98  | 5.6   | 51×83  | 7.0   |     |
| 15000         |        |      |        |      | 36×50  | 4.2  | 36×83  | 4.7  | 36×98  | 5.5  | 36×118 | 6.4   | 51×83  | 7.6   |     |
| 18000         |        |      |        |      | 36×63  | 4.6  | 36×83  | 5.1  | 36×98  | 5.7  | 51×83  | 7.5   | 51×98  | 7.7   |     |
| 22000         |        |      | 36×50  | 4.0  | 36×83  | 5.2  | 36×98  | 6.6  | 36×118 | 7.5  | 51×83  | 7.5   | 51×118 | 9.0   |     |
| 27000         | 36×50  | 4.4  | 36×63  | 5.0  | 36×83  | 5.4  | 36×118 | 6.7  | 51×83  | 7.5  | 51×98  | 8.7   | 64×99  | 10.1  |     |
| 33000         | 36×63  | 5.5  | 36×83  | 5.2  | 36×98  | 6.5  | 51×83  | 7.1  | 51×98  | 9.3  | 51×118 | 10.3  | 64×119 | 11.6  |     |
| 39000         | 36×63  | 6.0  | 36×83  | 5.8  | 36×98  | 7.5  | 51×83  | 8.4  | 51×98  | 9.4  | 64×99  | 11.2  | 64×139 | 13.5  |     |
| 47000         | 36×83  | 6.6  | 36×98  | 6.8  | 36×118 | 8.9  | 51×98  | 9.9  | 51×118 | 11.7 | 64×119 | 12.9  | 77×101 | 15.8  |     |
| 56000         | 36×83  | 7.5  | 36×98  | 6.9  | 51×83  | 10.0 | 51×98  | 10.3 | 64×99  | 12.4 | 64×139 | 15.2  | 77×121 | 17.0  |     |
| 68000         | 36×98  | 7.6  | 36×118 | 8.4  | 51×98  | 10.7 | 51×118 | 11.4 | 64×119 | 15.1 | 77×101 | 16.0  | 77×141 | 20.4  |     |
| 82000         | 36×118 | 9.0  | 51×83  | 8.4  | 51×98  | 12.0 | 64×99  | 12.5 | 77×101 | 15.5 | 77×121 | 17.7  | 77×151 | 21.5  |     |
| 100000        | 51×83  | 10.2 | 51×98  | 11.3 | 51×118 | 13.1 | 64×119 | 15.5 | 77×101 | 16.3 | 77×141 | 21.5  | 90×151 | 22.3  |     |
| 120000        | 51×83  | 11.0 | 51×98  | 11.4 | 64×99  | 13.7 | 77×101 | 15.5 | 77×121 | 19.1 | 90×141 | 22.4  |        |       |     |
| 150000        | 51×98  | 13.4 | 51×118 | 12.5 | 64×119 | 16.4 | 77×121 | 17.9 | 77×141 | 23.4 |        |       |        |       |     |
| 180000        | 51×118 | 14.0 | 64×99  | 14.2 | 77×101 | 16.7 | 77×141 | 20.0 | 90×141 | 23.7 |        |       |        |       |     |
| 220000        | 64×99  | 14.5 | 64×119 | 16.6 | 77×121 | 20.5 | 77×151 | 24.1 |        |      |        |       |        |       |     |
| 270000        | 64×119 | 16.0 | 77×101 | 17.5 | 77×141 | 21.3 | 90×141 | 26.5 |        |      |        |       |        |       |     |
| 330000        | 77×101 | 18.0 | 77×121 | 24.3 | 77×151 | 26.0 |        |      |        |      |        |       |        |       |     |
| 390000        | 77×101 | 19.5 | 77×141 | 25.2 | 90×141 | 27.2 |        |      |        |      |        |       |        |       |     |
| 470000        | 77×121 | 20.0 | 77×151 | 26.7 |        |      |        |      |        |      |        |       |        |       |     |
| 560000        | 77×141 | 24.1 | 90×141 | 29.1 |        |      |        |      |        |      |        |       |        |       |     |
| 680000        | 90×141 | 26.5 |        |      |        |      |        |      |        |      |        |       |        |       |     |

| WV<br>Cap(μF) | 100V   |      | 160V   |      | 200V   |      | 250V   |      | 315V   |     | 350V   |       | 400V   |       |
|---------------|--------|------|--------|------|--------|------|--------|------|--------|-----|--------|-------|--------|-------|
|               | 220    |      |        |      |        |      |        |      |        |     |        | 36×50 | 0.9    | 36×50 |
| 270           |        |      |        |      |        |      |        |      |        |     | 36×50  | 1.0   | 36×63  | 1.0   |
| 330           |        |      |        |      |        |      |        |      |        |     | 36×50  | 1.2   | 36×63  | 1.2   |
| 390           |        |      |        |      |        |      |        |      |        |     | 36×63  | 1.3   | 36×83  | 1.4   |
| 470           |        |      |        |      |        |      | 36×50  | 1.3  | 36×83  | 1.5 | 36×83  | 1.5   | 36×98  | 1.5   |
| 560           |        |      |        |      | 36×50  | 1.4  | 36×63  | 1.6  | 36×83  | 1.6 | 36×98  | 1.7   | 36×98  | 1.7   |
| 680           |        |      |        |      | 36×50  | 1.5  | 36×83  | 1.7  | 36×98  | 1.9 | 36×98  | 1.9   | 51×83  | 2.3   |
| 820           |        |      | 36×50  | 1.4  | 36×83  | 1.9  | 36×83  | 1.9  | 36×118 | 2.2 | 36×118 | 2.1   | 51×98  | 2.4   |
| 1000          |        |      | 36×63  | 1.9  | 36×83  | 2.2  | 36×98  | 2.3  | 51×83  | 2.3 | 51×98  | 2.5   | 51×118 | 2.7   |
| 1200          |        |      | 36×83  | 2.3  | 36×83  | 2.3  | 36×98  | 2.4  | 51×98  | 2.7 | 51×98  | 2.7   | 51×118 | 3.0   |
| 1500          |        |      | 36×83  | 2.6  | 36×98  | 2.9  | 36×118 | 2.9  | 51×98  | 3.1 | 51×118 | 3.3   | 64×99  | 3.5   |
| 1800          |        |      | 36×83  | 2.6  | 36×98  | 2.9  | 36×118 | 3.0  | 51×118 | 3.6 | 64×99  | 3.8   | 64×119 | 3.6   |
| 2200          | 36×50  | 2.9  | 36×98  | 3.2  | 36×118 | 3.3  | 51×98  | 3.8  | 64×99  | 4.2 | 64×119 | 4.6   | 77×101 | 4.1   |
| 2700          | 36×63  | 3.4  | 36×118 | 3.2  | 51×83  | 3.8  | 51×118 | 4.5  | 64×119 | 4.3 | 77×101 | 4.6   | 77×121 | 4.8   |
| 3300          | 36×83  | 3.9  | 36×118 | 3.7  | 51×98  | 4.7  | 64×99  | 5.2  | 77×101 | 4.9 | 77×121 | 5.3   | 77×141 | 5.7   |
| 3900          | 36×83  | 4.2  | 51×98  | 4.3  | 51×118 | 5.4  | 64×119 | 5.2  | 77×121 | 5.8 | 77×141 | 6.2   | 90×141 | 6.7   |
| 4700          | 36×83  | 4.6  | 51×98  | 4.8  | 64×99  | 6.2  | 64×119 | 5.7  | 77×121 | 6.3 | 90×141 | 7.4   | 90×141 | 7.4   |
| 5600          | 36×98  | 4.9  | 51×118 | 5.5  | 64×99  | 6.3  | 77×101 | 6.4  | 77×141 | 7.3 | 90×141 | 8.1   |        |       |
| 6800          | 36×118 | 5.5  | 64×99  | 6.3  | 64×119 | 7.3  | 77×121 | 7.6  | 90×141 | 8.9 |        |       |        |       |
| 8200          | 51×83  | 6.2  | 64×119 | 7.1  | 77×101 | 8.5  | 77×141 | 8.3  |        |     |        |       |        |       |
| 10000         | 51×98  | 6.7  | 77×101 | 7.9  | 77×121 | 9.5  | 90×141 | 9.9  |        |     |        |       |        |       |
| 12000         | 51×98  | 7.3  | 77×121 | 9.0  | 77×141 | 10.5 | 90×141 | 10.8 |        |     |        |       |        |       |
| 15000         | 51×118 | 8.6  | 77×141 | 11.3 | 90×141 | 12.5 |        |      |        |     |        |       |        |       |
| 18000         | 64×99  | 8.9  | 90×141 | 13.0 | 90×141 | 13.3 |        |      |        |     |        |       |        |       |
| 22000         | 64×119 | 10.3 | 90×141 | 14.3 |        |      |        |      |        |     |        |       |        |       |
| 27000         | 64×139 | 12.1 |        |      |        |      |        |      |        |     |        |       |        |       |
| 33000         | 77×121 | 14.1 |        |      |        |      |        |      |        |     |        |       |        |       |
| 39000         | 77×141 | 16.5 |        |      |        |      |        |      |        |     |        |       |        |       |
| 47000         | 77×141 | 18.3 |        |      |        |      |        |      |        |     |        |       |        |       |
| 56000         | 90×141 | 19.2 |        |      |        |      |        |      |        |     |        |       |        |       |
| 68000         | 90×151 | 20.1 |        |      |        |      |        |      |        |     |        |       |        |       |

↑ Ripple Current (A r.m.s./120Hz, 105°C)  
↑ Case Size φ D×L(mm)

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,  
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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