

Schottky Barrier Rectifier Diode

Lead-less Chip Form



GENERAL DESCRIPTION

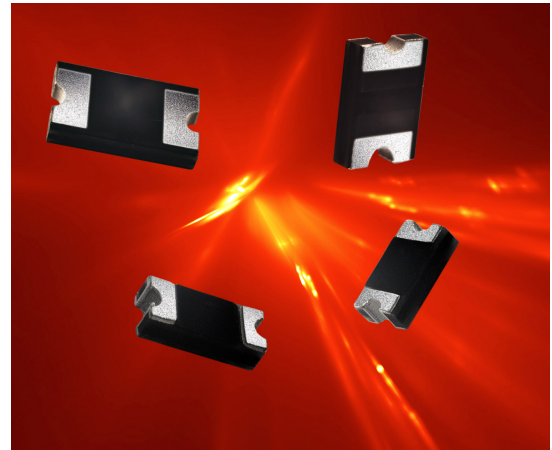
AVX Schottky rectifier diodes offer unique lead-less chip packaging technology which eliminates the lead frame wire bond to give the chip top-bottom symmetry for fewer mounting problems, better heat transfer, and current handling capability (compared to SOD devices).

FEATURES

- Lead-less chip form
- Low Vf
- High current capability
- Low power loss/high efficiency
- UL 94V-0 class package material
- Halogen free

APPLICATIONS

- Switch mode power supplies
- High frequency rectification
- Portable battery powered devices
- Reverse bias protection



MECHANICAL DATA

Case: FRP substrate with epoxy underfill

Terminations: 100% Sn plated (Pb-free), solderable per MIL-STD-750, Method 2026.

Operating Temperature: -55°C to 125°C

Storage Temperature: -55°C to 150°C

HOW TO ORDER

| SD | 3220 | S | 020 | S | 3R0 |
|----------------------------------|---|--|--|--------------------------------------|---|
| Series Schottky Diodes | Size 3220 2114 2010 0805 0603 | Thickness S = Standard T = Thin | Voltage 020 = 20V 030 = 30V 040 = 40V 060 = 60V 100 = 100V 150 = 150V 200 = 200V | Vf S = Standard L = Low | Current 0R1 = 0.1 0R2 = 0.2 0R3 = 0.3 0R5 = 0.5 1R0 = 1.0 |



AVX SCHOTTKY DIODE CURRENTS BY CASE SIZE

| Size | | Max Forward Current | | | | | | | | |
|------|----------------|---------------------|-----|-----|-----|----|----|----|----|----|
| EIAJ | JEDEC | .1A | .2A | .3A | .5A | 1A | 2A | 3A | 5A | 8A |
| 0603 | SOD-523 | ● | ● | ● | | | | | | |
| 0805 | SOD-323 | ● | ● | ● | ● | ● | | | | |
| 1206 | SOD-123 | | | | ● | ● | ● | ● | | |
| 2010 | SMA (D0-214AC) | | | | | ● | ● | ● | ● | |
| 2114 | SMB (D0-214AA) | | | | | | | ● | ● | ● |
| 3220 | SMC (D0-214AB) | | | | | | | ● | ● | |

Schottky Barrier Rectifier Diode

Lead-less Chip Form



ELECTRICAL CHARACTERISTICS

| AVX PN | Size | Max Reverse Voltage | Max Forward Current | Max Peak Forward Surge Current | Reverse Current I_{RRM} | | Forward Voltage V_f | | | Rth JA | Rth JL | Cj |
|----------------|------|---------------------|---------------------|--------------------------------|---------------------------|------|-----------------------|------|------|--------|--------|-----|
| | | V_{RRM} | I_F | I_{FSM} | Typ | Max | I_F | Min | Max | | | |
| | | V | A | A | mA | mA | A | V | V | | | |
| SD3220S020S3R0 | 3220 | 20 | 3 | 100 | 0.025 | 0.5 | 3 | 0.47 | 0.50 | 55 | 17 | 180 |
| SD3220S040S3R0 | 3220 | 40 | 3 | 100 | 0.025 | 0.5 | 3 | 0.47 | 0.50 | 55 | 17 | 180 |
| SD3220S060S3R0 | 3220 | 60 | 3 | 100 | 0.025 | 0.5 | 3 | 0.65 | 0.70 | 55 | 17 | 180 |
| SD3220S100S3R0 | 3220 | 100 | 3 | 100 | 0.025 | 0.5 | 3 | 0.78 | 0.85 | 55 | 17 | 180 |
| SD3220S020S5R0 | 3220 | 20 | 5 | 130 | 0.045 | 0.5 | 5 | 0.52 | 0.55 | 55 | 17 | 180 |
| SD3220S040S5R0 | 3220 | 40 | 5 | 130 | 0.045 | 0.5 | 5 | 0.52 | 0.55 | 55 | 17 | 180 |
| SD3220S060S5R0 | 3220 | 60 | 5 | 130 | 0.045 | 0.5 | 5 | 0.65 | 0.70 | 55 | 17 | 180 |
| SD3220S100S5R0 | 3220 | 100 | 5 | 130 | 0.045 | 0.5 | 5 | 0.79 | 0.85 | 55 | 17 | 180 |
| SD2114S020S3R0 | 2114 | 20 | 3 | 80 | 0.04 | 0.5 | 3 | 0.48 | 0.50 | 55 | 17 | 180 |
| SD2114S040S3R0 | 2114 | 40 | 3 | 80 | 0.04 | 0.5 | 3 | 0.48 | 0.50 | 55 | 17 | 180 |
| SD2114S060S3R0 | 2114 | 60 | 3 | 80 | 0.04 | 0.5 | 3 | 0.65 | 0.70 | 55 | 17 | 180 |
| SD2114S100S3R0 | 2114 | 100 | 3 | 80 | 0.04 | 0.5 | 3 | 0.78 | 0.85 | 55 | 17 | 180 |
| SD2114S020S5R0 | 2114 | 20 | 5 | 105 | 0.045 | 0.5 | 5 | 0.5 | 0.55 | 55 | 17 | 250 |
| SD2114S040S5R0 | 2114 | 40 | 5 | 105 | 0.045 | 0.5 | 5 | 0.5 | 0.55 | 55 | 17 | 250 |
| SD2114S060S5R0 | 2114 | 60 | 5 | 105 | 0.045 | 0.5 | 5 | 0.65 | 0.70 | 55 | 17 | 250 |
| SD2114S100S5R0 | 2114 | 100 | 5 | 105 | 0.045 | 0.5 | 5 | 0.79 | 0.85 | 55 | 17 | 250 |
| SD2114S040S8R0 | 2114 | 40 | 8 | 135 | 0.045 | 0.5 | 8 | 0.53 | 0.55 | 55 | 17 | 450 |
| SD2010S020S1R0 | 2010 | 20 | 1 | 30 | 0.02 | 0.2 | 1 | 0.47 | 0.50 | 88 | 28 | 110 |
| SD2010S040S1R0 | 2010 | 40 | 1 | 30 | 0.02 | 0.2 | 1 | 0.47 | 0.50 | 88 | 28 | 110 |
| SD2010S060S1R0 | 2010 | 60 | 1 | 30 | 0.02 | 0.2 | 1 | 0.6 | 0.70 | 88 | 28 | 110 |
| SD2010S100S1R0 | 2010 | 100 | 1 | 30 | 0.02 | 0.2 | 1 | 0.76 | 0.85 | 88 | 28 | 110 |
| SD2010S150S1R0 | 2010 | 150 | 1 | 30 | 0.001 | 0.05 | 1 | 0.83 | 0.88 | 88 | 28 | 110 |
| SD2010S200S1R0 | 2010 | 200 | 1 | 30 | 0.001 | 0.05 | 1 | 0.86 | 0.90 | 88 | 28 | 110 |
| SD2010S020S2R0 | 2010 | 20 | 2 | 50 | 0.025 | 0.2 | 2 | 0.49 | 0.50 | 75 | 17 | 115 |
| SD2010S040S2R0 | 2010 | 40 | 2 | 50 | 0.025 | 0.2 | 2 | 0.49 | 0.50 | 75 | 17 | 115 |
| SD2010S060S2R0 | 2010 | 60 | 2 | 50 | 0.025 | 0.2 | 2 | 0.6 | 0.70 | 75 | 17 | 115 |
| SD2010S100S2R0 | 2010 | 100 | 2 | 50 | 0.025 | 0.2 | 2 | 0.75 | 0.85 | 75 | 17 | 115 |
| SD2010S150S2R0 | 2010 | 150 | 2 | 50 | 0.001 | 0.2 | 2 | 0.83 | 0.88 | 88 | 28 | 110 |
| SD2010S200S2R0 | 2010 | 200 | 2 | 50 | 0.001 | 0.2 | 2 | 0.86 | 0.90 | 88 | 28 | 110 |
| SD2010S020S3R0 | 2010 | 20 | 3 | 80 | 0.02 | 0.2 | 3 | 0.46 | 0.50 | 86 | 24 | 120 |
| SD2010S040S3R0 | 2010 | 40 | 3 | 80 | 0.02 | 0.2 | 3 | 0.46 | 0.50 | 86 | 24 | 120 |
| SD2010S060S3R0 | 2010 | 60 | 3 | 80 | 0.02 | 0.2 | 3 | 0.58 | 0.70 | 86 | 24 | 120 |
| SD2010S100S3R0 | 2010 | 100 | 3 | 80 | 0.02 | 0.2 | 3 | 0.75 | 0.85 | 86 | 24 | 120 |
| SD2010S150S3R0 | 2010 | 150 | 3 | 80 | 0.001 | 0.05 | 3 | 0.83 | 0.88 | 88 | 28 | 110 |
| SD2010S200S3R0 | 2010 | 200 | 3 | 80 | 0.001 | 0.05 | 3 | 0.86 | 0.90 | 88 | 28 | 110 |
| SD2010S030S5R0 | 2010 | 30 | 5 | 80 | | 0.2 | 3 | 0.42 | 0.44 | 55 | 17 | 210 |
| SD2010S020L1R0 | 2010 | 20 | 1 | 30 | 0.35 | 1.0 | 1 | 0.37 | 0.38 | 55 | 17 | 115 |
| SD2010S040L1R0 | 2010 | 40 | 1 | 30 | 0.35 | 1.0 | 1 | 0.37 | 0.38 | 55 | 17 | 115 |
| SD2010S020L2R0 | 2010 | 20 | 2 | 50 | 0.28 | 1.0 | 2 | 0.39 | 0.40 | 70 | 17 | 115 |
| SD2010S040L2R0 | 2010 | 40 | 2 | 50 | 0.28 | 1.0 | 2 | 0.39 | 0.40 | 70 | 17 | 115 |
| SD2010S020L3R0 | 2010 | 20 | 3 | 80 | 0.55 | 1.0 | 3 | 0.39 | 0.42 | 55 | 17 | 120 |
| SD2010S040L3R0 | 2010 | 40 | 3 | 80 | 0.55 | 1.0 | 3 | 0.39 | 0.42 | 55 | 17 | 120 |
| SD2010S030L3R0 | 2010 | 30 | 3 | 70 | 0.08 | 0.2 | 3 | 0.42 | 0.44 | 55 | 17 | 120 |
| SD1206S020S0R5 | 1206 | 20 | 0.5 | 15 | 0.01 | 0.05 | 0.5 | 0.4 | 0.42 | 88 | 28 | 120 |
| SD1206S040S0R5 | 1206 | 40 | 0.5 | 15 | 0.01 | 0.05 | 0.5 | 0.45 | 0.48 | 88 | 28 | 120 |
| SD1206S020S1R0 | 1206 | 20 | 1.0 | 20 | 0.015 | 0.2 | 1.0 | 0.46 | 0.50 | 88 | 28 | 110 |
| SD1206S040S1R0 | 1206 | 40 | 1.0 | 20 | 0.015 | 0.2 | 1.0 | 0.46 | 0.50 | 88 | 28 | 110 |
| SD1206S060S1R0 | 1206 | 60 | 1.0 | 20 | 0.015 | 0.2 | 1.0 | 0.62 | 0.70 | 88 | 28 | 110 |
| SD1206S100S1R0 | 1206 | 100 | 1.0 | 20 | 0.015 | 0.2 | 1.0 | 0.76 | 0.85 | 88 | 28 | 110 |
| SD1206S020S2R0 | 1206 | 20 | 2.0 | 40 | 0.03 | 0.2 | 2.0 | 0.47 | 0.50 | 75 | 17 | 115 |
| SD1206S040S2R0 | 1206 | 40 | 2.0 | 40 | 0.03 | 0.2 | 2.0 | 0.47 | 0.50 | 75 | 17 | 115 |
| SD1206S060S2R0 | 1206 | 60 | 2.0 | 40 | 0.03 | 0.2 | 2.0 | 0.58 | 0.70 | 75 | 17 | 115 |
| SD1206S100S2R0 | 1206 | 100 | 2.0 | 40 | 0.03 | 0.2 | 2.0 | 0.75 | 0.85 | 75 | 17 | 115 |
| SD1206S020L1R0 | 1206 | 20 | 1.0 | 25 | 0.3 | 1.0 | 1.0 | 0.37 | 0.38 | 88 | 28 | 115 |
| SD1206S040L1R0 | 1206 | 40 | 1.0 | 25 | 0.3 | 1.0 | 1.0 | 0.37 | 0.38 | 88 | 28 | 115 |
| SD1206S020L2R0 | 1206 | 20 | 2.0 | 40 | 0.28 | 1.0 | 2.0 | 0.39 | 0.40 | 70 | 22 | 115 |

Schottky Barrier Rectifier Diode

Lead-less Chip Form



| AVX PN | Size | Max Reverse Voltage | Max Forward Current | Max Peak Forward Surge Current | Reverse Current I_{RRM} | | Forward Voltage V_f | | | Rth JA | Rth JL | Cj |
|----------------|------|---------------------|---------------------|--------------------------------|---------------------------|--------|-----------------------|------|------|--------|--------|-----|
| | | V_{RRM} | I_F | I_{FSM} | Typ | Max | I_F | Min | Max | | | |
| | | V | A | A | mA | mA | A | V | V | | | |
| SD1206S040L2R0 | 1206 | 40 | 2.0 | 40 | 0.28 | 1.0 | 2.0 | 0.39 | 0.40 | 70 | 22 | 115 |
| SD1206T020S0R5 | 1206 | 20 | 0.5 | 15 | 0.01 | 0.05 | 0.5 | 0.4 | 0.42 | 88 | 28 | 120 |
| SD1206T040S0R5 | 1206 | 40 | 0.5 | 15 | 0.01 | 0.05 | 0.5 | 0.45 | 0.48 | 88 | 28 | 120 |
| SD1206T060S0R5 | 1206 | 60 | 0.5 | 15 | 0.01 | 0.05 | 0.5 | 0.48 | 0.55 | 88 | 28 | 120 |
| SD1206T020S1R0 | 1206 | 20 | 1.0 | 20 | 0.015 | 0.2 | 1.0 | 0.46 | 0.50 | 88 | 28 | 110 |
| SD1206T040S1R0 | 1206 | 40 | 1.0 | 20 | 0.015 | 0.2 | 1.0 | 0.46 | 0.50 | 88 | 28 | 110 |
| SD1206T060S1R0 | 1206 | 60 | 1.0 | 20 | 0.015 | 0.2 | 1.0 | 0.62 | 0.70 | 88 | 28 | 110 |
| SD1206T100S1R0 | 1206 | 100 | 1.0 | 20 | 0.015 | 0.2 | 1.0 | 0.76 | 0.85 | 88 | 28 | 110 |
| SD1206T020S2R0 | 1206 | 20 | 2.0 | 40 | 0.03 | 0.2 | 2.0 | 0.47 | 0.50 | 75 | 17 | 115 |
| SD1206T040S2R0 | 1206 | 40 | 2.0 | 40 | 0.03 | 0.2 | 2.0 | 0.47 | 0.50 | 75 | 17 | 115 |
| SD1206T060S2R0 | 1206 | 60 | 2.0 | 40 | 0.03 | 0.2 | 2.0 | 0.58 | 0.75 | 75 | 17 | 115 |
| SD1206T100S2R0 | 1206 | 100 | 2.0 | 40 | 0.03 | 0.2 | 2.0 | 0.75 | 0.85 | 75 | 17 | 115 |
| SD1206T040S3R0 | 1206 | 40 | 3.0 | 40 | 0.03 | 0.2 | 3.0 | 0.53 | 0.55 | 88 | 28 | 110 |
| SD1206T060S3R0 | 1206 | 60 | 3.0 | 40 | 0.03 | 0.2 | 3.0 | 0.75 | 0.80 | 88 | 28 | 110 |
| SD1206T020L1R0 | 1206 | 20 | 1.0 | 25 | 0.3 | 1.0 | 1.0 | 0.37 | 0.38 | 88 | 28 | 115 |
| SD1206T040L1R0 | 1206 | 40 | 1.0 | 25 | 0.3 | 1.0 | 1.0 | 0.37 | 0.38 | 88 | 28 | 115 |
| SD0805S020S0R1 | 0805 | 20.0 | 0.1 | 2.0 | 0.004 | 0.03 | 0.1 | 0.38 | 0.45 | 160 | 110 | 18 |
| SD0805S040S0R1 | 0805 | 40.0 | 0.1 | 2.0 | 0.004 | 0.03 | 0.1 | 0.4 | 0.50 | 160 | 110 | 18 |
| SD0805S020S0R2 | 0805 | 20.0 | 0.2 | 2.0 | 0.008 | 0.05 | 0.2 | 0.42 | 0.45 | 160 | 110 | 15 |
| SD0805S040S0R2 | 0805 | 40.0 | 0.2 | 2.0 | 0.008 | 0.05 | 0.2 | 0.45 | 0.50 | 160 | 110 | 15 |
| SD0805S020S0R3 | 0805 | 20.0 | 0.3 | 2.0 | 0.008 | 0.05 | 0.3 | 0.47 | 0.50 | 160 | 110 | 30 |
| SD0805S040S0R3 | 0805 | 40.0 | 0.3 | 2.0 | 0.008 | 0.05 | 0.3 | 0.47 | 0.50 | 160 | 110 | 30 |
| SD0805S020S0R5 | 0805 | 20.0 | 0.5 | 5.0 | 0.015 | 0.1 | 0.5 | 0.4 | 0.44 | 120 | 28 | 28 |
| SD0805S030S0R5 | 0805 | 30.0 | 0.5 | 5.0 | 0.015 | 0.1 | 0.5 | 0.4 | 0.46 | 120 | 28 | 28 |
| SD0805S040S0R5 | 0805 | 40.0 | 0.5 | 5.0 | 0.015 | 0.1 | 0.5 | 0.4 | 0.48 | 120 | 28 | 28 |
| SD0805S020S1R0 | 0805 | 20.0 | 1.0 | 10.0 | 0.028 | 0.2 | 1.0 | 0.42 | 0.45 | 120 | 28 | 115 |
| SD0805S040S1R0 | 0805 | 40.0 | 1.0 | 10.0 | 0.008 | 0.05 | 1.0 | 0.49 | 0.55 | 88 | 28 | 110 |
| SD0805S060S1R0 | 0805 | 60.0 | 1.0 | 10.0 | 0.028 | 0.2 | 1.0 | 0.62 | 0.65 | 120 | 28 | 115 |
| SD0805S020L1R0 | 0805 | 20.0 | 1.0 | 10.0 | 0.3 | 1.0 | 1.0 | 0.37 | 0.38 | 88 | 28 | 115 |
| SD0805S040L1R0 | 0805 | 40.0 | 1.0 | 10.0 | 0.3 | 1.0 | 1.0 | 0.37 | 0.38 | 88 | 28 | 115 |
| SD0603S020S0R1 | 0603 | 20 | 0.1 | 2 | 0.008 | 0.05 | 0.100 | 0.38 | 0.40 | 160 | 110 | 30 |
| SD0603S040S0R1 | 0603 | 40 | 0.1 | 2 | 0.008 | 0.05 | 0.100 | 0.38 | 0.40 | 160 | 110 | 30 |
| SD0603S020S0R2 | 0603 | 20 | 0.2 | 2 | 0.008 | 0.05 | 0.200 | 0.43 | 0.45 | 160 | 110 | 35 |
| SD0603S040S0R2 | 0603 | 40 | 0.2 | 2 | 0.0005 | 0.0010 | 0.200 | 0.43 | 0.45 | 160 | 110 | 35 |
| SD0603S020S0R3 | 0603 | 20 | 0.3 | 2 | 0.008 | 0.05 | 0.300 | 0.47 | 0.50 | 160 | 110 | 35 |
| SD0603S040S0R3 | 0603 | 40 | 0.3 | 2 | 0.008 | 0.05 | 0.300 | 0.47 | 0.50 | 160 | 110 | 35 |

Schottky Barrier Rectifier Diode

Lead-less Chip Form



PAD LAYOUT

mm (inches)

| | |
|--|--|
| <p>0603</p> <p>0.80 (0.031) MIN.</p> <p>0.60 (0.024) MIN.</p> <p>2.30 (0.091) REF.</p> <p>1.10 (0.043) MAX.</p> | <p>2010</p> <p>1.47 (0.058) MIN.</p> <p>1.27 (0.050) MIN.</p> <p>5.14 (0.202) REF.</p> <p>2.60 (0.102) MAX.</p> |
| <p>0805</p> <p>0.90 (0.035) MIN.</p> <p>0.80 (0.031) MIN.</p> <p>2.90 (0.114) REF.</p> <p>1.30 (0.051) MAX.</p> | <p>2114</p> <p>3.00 (0.118) MIN.</p> <p>3.00 (0.118) MIN.</p> <p>6.65 (0.262) REF.</p> <p>2.65 (0.104) MAX.</p> |
| <p>1206 1206-T</p> <p>1.50 (0.059) MIN.</p> <p>1.0 (0.039) MIN.</p> <p>4.0 (0.157) REF.</p> <p>2.00 (0.787) MAX.</p> | <p>3220</p> <p>3.90 (0.154) MIN.</p> <p>3.90 (0.154) MIN.</p> <p>11.9 (0.469) REF.</p> <p>4.10 (0.161) MAX.</p> |

Schottky Barrier Rectifier Diode

Lead-less Chip Form



CASE DRAWINGS

mm (inches)

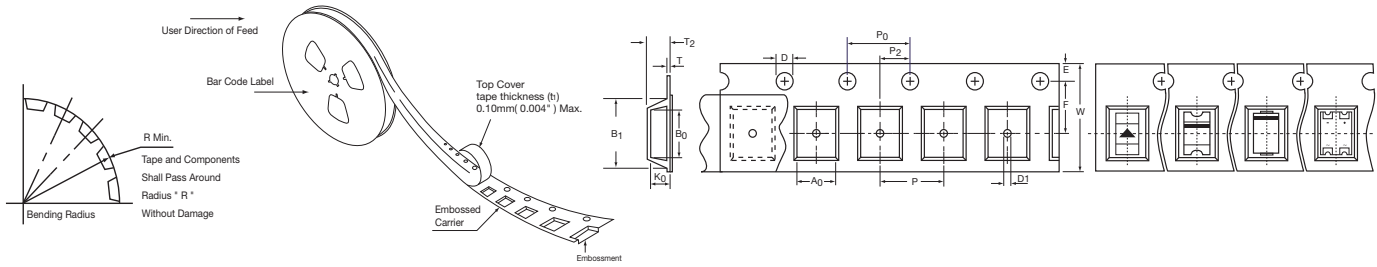
| | |
|---|--|
| <p>0603</p> <p>SOD-523</p> | <p>2010</p> <p>SMA (DO-214AC)</p> |
| <p>0805</p> <p>SOD-323</p> | <p>2114</p> <p>SMB (DO-214AA)</p> |
| <p>1206</p> <p>SOD-123</p> | <p>3220</p> <p>SMC (DO-214AB)</p> |
| <p>1206-T</p> <p>SOD-123</p> <p>*0.93 ± 0.05 (0.037 ± 0.002) **0.96 ± 0.20 (0.038 ± 0.008)</p> | |

Schottky Barrier Rectifier Diode

Lead-less Chip Form



CARRIER TAPE



EMBOSSED TAPE

mm (inches)

| Tape Size | D | E | P ₀ | A ₀ | B ₀ | K ₀ | T max | P ₂ |
|-----------|--------------------------------|-------------------------------|------------------------------|----------------|----------------|----------------|---------------|------------------------------|
| 8, 12 mm | 1.50 ± 0.1 (0.059 ± 0.004) | 1.75 ± 0.1 (0.069 ± 0.004) | 4.0 ± 0.1 (0.157 ± 0.004) | See Note 1 | | | 0.4 -0.016 | 2.0 ± 0.1 (0.079 ± 0.002) |
| 16 mm | 1.55 ± 0.05 (0.061 ± 0.002) | 1.75 ± 0.1 (0.069 ± 0.004) | 4.0 ± 0.1 (0.157 ± 0.004) | | | | | |

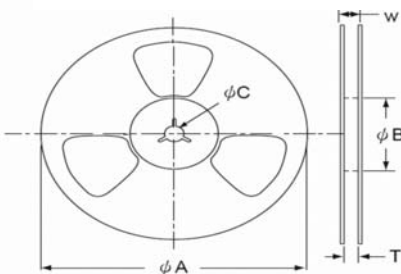
| Product Size | Tape Size | B ₁ | D ₁ | F | P | W | T ₂ | R Min |
|--------------|-----------|-------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|--------------------------------|--------------|
| 0603 | 8mm | 2.0 max (0.079 max) | 0.80 ± 0.05 (0.031 ± 0.002) | 3.50 ± 0.05 (0.138 ± 0.002) | 4.00 ± 0.10 (0.157 ± 0.004) | 8.00 ± 0.30 (0.315 ± 0.012) | 1.00 ± 0.10 (0.039 ± 0.004) | 25 -0.98 |
| 0805 | | | | | | | 1.22 ± 0.10 (0.048 ± 0.004) | |
| 1206 | 12mm | 8.2 max (0.323 max) | 1.50 min. (0.059 min.) | 5.50 ± 0.05 (0.217 ± 0.002) | 4.00 ± 0.10 (0.157 ± 0.004) | 12.00 ± 0.30 (0.472 ± 0.012) | 1.75 ± 0.1 (0.069 ± 0.004) | 30 -1.181 |
| 1206-S | | | | | | | 1.40 ± 0.1 (0.055 ± 0.004) | |
| 2010 | | | | | | | 1.51 ± 0.10 (0.059 ± 0.004) | |
| 2114 | | | | | | | 1.65 ± 0.10 (0.065 ± 0.004) | |
| 3220 | 16mm | 12.1 max (0.476 max) | | 7.50 ± 0.10 (0.295 ± 0.004) | 8.00 ± 0.10 (0.315 ± 0.004) | 16.00 ± 0.30 (0.630 ± 0.012) | 2.50 max (0.098 max) | 40 -1.575 |

NOTES:

- A₀, B₀, and K₀ are determined by component size. The clearance between the components and the cavity must be within 0.05 mm (0.002") Min. to 0.50 mm (0.02") Max. for 8mm tape, and 0.15mm (0.066") Min. to 0.90 mm (0.035") Max. 12 mm tape.
- All surface mount components are packed in accordance with EIA standard 481-1 and 481-2

REEL DIMENSIONS

mm (inches)



| Symbol | Tape Size | φA | φB | φC | W | T |
|--------|-----------|------------------------------|-----------------------|-------------------------------|-------------------------|-------------------------|
| 0603 | 8 | 178 ± 2.0 | 60 ± 0.5 | 13.5 ± 0.5 | 12.0 ± 0.5 | 9.0 ± 0.5 |
| 0805 | -0.315 | (7.008 ± 0.079) | (2.362 ± 0.020) | (0.532 ± 0.020) | (0.472 ± 0.020) | (0.354 ± 0.020) |
| 1206 | 12 | 178 ± 2.0 (7.008 ± 0.079) | 50 min (1.969 min) | 13.0 ± 0.5 (0.512 ± 0.020) | 18.7 max (0.736 max) | 14.4 max (0.567 max) |
| 1206-T | | | | | | |
| 2010 | | | | | | |
| 2114 | | | | | | |
| 3220 | 16 | 330 ± 2.0 (12.99 ± 0.079) | | | 22.7 max (0.893 max) | 18.4 max (0.724 max) |
| | -0.63 | | | | | |

QUANTITIES

| Size | Reel Size | Qty/Reel |
|--------|-----------|----------|
| 0603 | 7" | 3,000 |
| 0805 | | |
| 1206 | 7" | 3,000 |
| 1206-T | | |
| 2010 | | |
| 2114 | 13" | 5,000 |
| 3220 | 13" | 3,000 |

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).



Телефон: 8 (812) 309-75-97 (многоканальный)

Факс: 8 (812) 320-03-32

Электронная почта: ocean@oceanchips.ru

Web: <http://oceanchips.ru/>

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, д. 2, корп. 4, лит. А