



Click [here](#) for the 3D model.

General Information

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| Series | T528 |
| Dielectric | Polymer Tantalum |
| Style | SMD Chip |
| Description | SMD, Polymer, Low ESR, NonCombustible, Face Down |
| Features | Face Down, Low ESR |
| RoHS | Yes |
| Termination | Tin |
| Typical Component Weight | 206.33 mg |
| Shelf Life | 52 Weeks |
| MSL | 3 |

Dimensions

| | |
|---|----------------|
| L | 7.3mm +/-0.4mm |
| W | 4.3mm +/-0.3mm |
| H | 1.6mm +/-0.1mm |
| S | 1.3mm +/-0.2mm |
| F | 2.8mm +/-0.2mm |
| R | 5mm +/-0.4mm |

Packaging Specifications

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|--------------------|------------|
| Packaging | T&R, 178mm |
| Packaging Quantity | 1000 |

Specifications

| | |
|--------------------|--|
| Capacitance | 470 uF |
| Tolerance | 20% |
| Voltage DC | 2.5 VDC (105C) |
| Temperature Range | -55/+105°C |
| Rated Temperature | 105°C |
| Humidity | 60C, 90% RH, no load, 500 Hours |
| Dissipation Factor | 10% 120Hz 25C |
| Failure Rate | N/A |
| ESR | 6 mOhms (100kHz 25C) |
| Ripple Current | 7400 mA (rms, 100kHz 45C), 5180 mA (rms, 85C), 1850 mA (rms, 105C) |
| Leakage Current | 117.5 uA (5min 25°C) |

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