



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

General Information

| | |
|--------------------------|---|
| Series | T520 |
| Dielectric | Polymer Tantalum |
| Style | SMD Chip |
| Description | SMD, Polymer, Molded, Low Profile/ESR, NonCombustible |
| Features | Low ESR |
| RoHS | Yes |
| Termination | Tin |
| Typical Component Weight | 54.84 mg |
| Shelf Life | 52 Weeks |
| MSL | 3 |

| Dimensions | |
|------------|----------------|
| L | 3.5mm +/-0.2mm |
| W | 2.8mm +/-0.2mm |
| H | 1.1mm +/-0.1mm |
| T | 0.13mm REF |
| S | 0.8mm +/-0.3mm |
| F | 2.2mm +/-0.1mm |
| A | 1.9mm MIN |
| X | 0.05mm REF |

| Packaging Specifications | |
|--------------------------|------------|
| Packaging | T&R, 178mm |
| Packaging Quantity | 3000 |

| Specifications | |
|--------------------|--|
| Capacitance | 100 uF |
| Tolerance | 20% |
| Voltage DC | 4 VDC (105C) |
| Temperature Range | -55/+105°C |
| Rated Temperature | 105°C |
| Life | 2000 Hrs (105C) |
| Humidity | 60C, 90% RH, 500 Hours, No Load |
| Dissipation Factor | 8% 120Hz 25C |
| Failure Rate | N/A |
| ESR | 70 mOhms (100kHz 25C) |
| Ripple Current | 1220 mA (rms, 100kHz 45C), 840 mA (rms, 85C), 300 mA (rms, 105C) |
| Leakage Current | 40 uA (5min 25°C) |

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