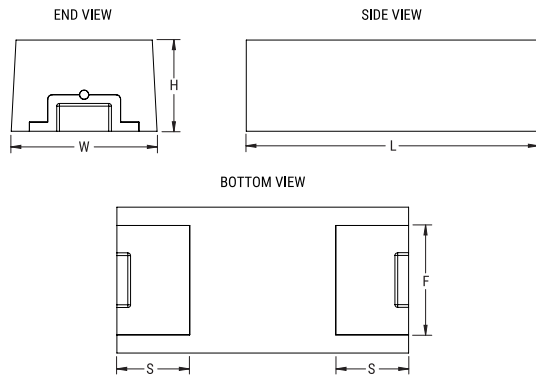


T527, Tantalum, Polymer Tantalum, Reduced Volume, 100 uF, 20%, 6.3 VDC, SMD, Polymer, Molded, Face Down Terminals, 100 mOhms, 3216, Height Max = 1mm



Dimensions

| Footprint | | 3216 |
|-----------|--|----------------|
| L | | 3.2mm +/-0.2mm |
| W | | 1.6mm +/-0.2mm |
| H | | 0.9mm +/-0.1mm |
| S | | 0.8mm +/-0.2mm |
| F | | 1.2mm +/-0.1mm |

Packaging Specifications

| | |
|----------------------------|------------|
| Weight: | 70.12 mg |
| Packaging: | T&R, 178mm |
| Packaging Quantity: | 3000 |

General Information

| | |
|---------------------|---|
| Series: | T527 |
| Dielectric: | Polymer Tantalum |
| Style: | SMD Chip |
| Description: | SMD, Polymer, Molded, Face Down Terminals |
| Features: | Face Down, Low Profile, Low ESR |
| RoHS: | Yes |
| Termination: | Tin |
| AEC-Q200: | No |
| Shelf Life: | 52 Weeks |
| MSL: | 3 |

Specifications

| | |
|-------------------------------|---|
| Capacitance: | 100 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 6.3 VDC (85C), 5.04 VDC (105C) |
| Temperature Range: | -55/+105°C |
| Rated Temperature: | 85°C |
| Humidity: | 60C, 90% RH, 500 Hours, No Load |
| Dissipation Factor: | 8% 120Hz 25C |
| Failure Rate: | N/A |
| Resistance: | 100 mOhms (100kHz 25C) |
| Ripple Current: | 775 mA (rms, 100kHz 45C), 697.5 mA (rms, 85C), 310 mA (rms, 105C) |
| Leakage Current: | 63 uA (5min 25°C) |