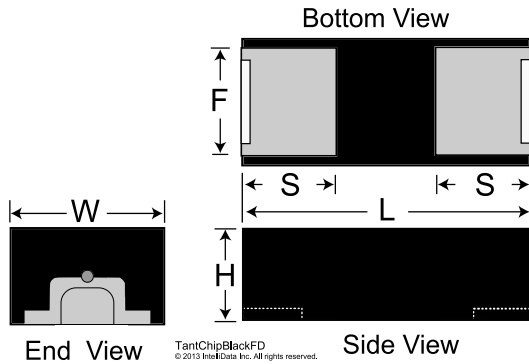


T527, Tantalum, Polymer Tantalum, Reduced Volume, 22 uF, 20%, 10 VDC, SMD, Polymer, Molded, Face Down Terminals, 200 mOhms, 3216, Height Max = 1mm



| General Information | |
|---------------------|-------------------------------------------|
| Supplier: | KEMET |
| 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 |
| Shelf Life: | 52 Weeks |
| MSL: | 3 |

| 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 |

| Specifications | |
|------------------------|------------------------------------------------------|
| Capacitance: | 22 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 10 VDC (85C), 8 VDC (105C) |
| Temperature Range: | -55/+105C |
| Rated Temperature: | 85C |
| Dissipation Factor: | 8.00% 120Hz 25C |
| Failure Rate: | N/A |
| Resistance: | 200 mOhms (100kHz 25C) |
| Ripple Current: | 548 mA (100kHz 45C), 493.2 mA (85C), 219.2 mA (105C) |
| Leakage Current: | 22 uA (5min 25C) |

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

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