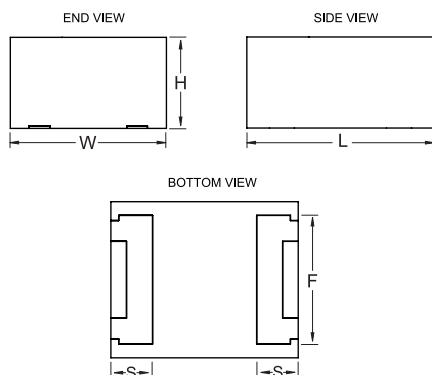


T523, Tantalum, Polymer Tantalum, Reduced Volume, 47 uF, 20%, 35 VDC, SMD, Polymer, Molded, Face Down Terminals, 100 mOhms, 7343, Height Max = 1.5mm



General Information

| | |
|---------------------|---|
| Supplier: | KEMET |
| Series: | T523 |
| Dielectric: | Polymer Tantalum |
| Style: | SMD Chip |
| Description: | SMD, Polymer, Molded, Face Down Terminals |
| Features: | Face Down |
| RoHS: | Yes |
| Termination: | Nickel Palladium Gold |
| Shelf Life: | 52 Weeks |
| MSL: | 3 |

Dimensions

| | |
|------------------|----------------|
| Footprint | 7343 |
| L | 7.3mm +/-0.3mm |
| W | 4.3mm +/-0.3mm |
| H | 1.5mm MAX |
| S | 1.3mm +/-0.3mm |
| F | 2.4mm +/-0.1mm |

Packaging Specifications

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

Specifications

| | |
|-------------------------------|---------------------------------------|
| Capacitance: | 47 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 35 VDC (85C) |
| Temperature Range: | -55/+85°C |
| Rated Temperature: | 85°C |
| Humidity: | 60C, 90% RH, no load, 500 Hours |
| Dissipation Factor: | 10.00% 120Hz 25C |
| Failure Rate: | N/A |
| Resistance: | 100 mOhms (100kHz 25C) |
| Ripple Current: | 1988 mA (100kHz 45C), 1391.6 mA (85C) |
| Leakage Current: | 164.5 uA (5min 25°C) |