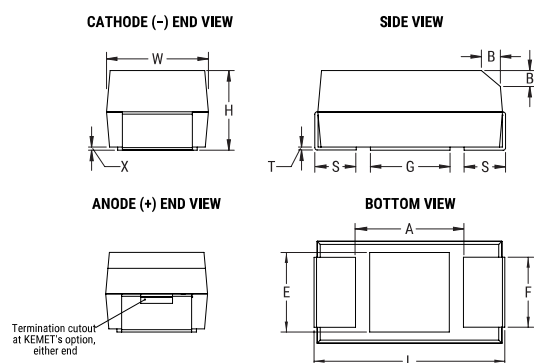


T495, Tantalum, MnO2 Tantalum, 4.7 uF, 20%, 35 VDC, SMD, MnO2, Molded, Low ESR, 1 Ohms, 3528, Height Max = 2.1mm



General Information

| | |
|--------------|----------------------------|
| Supplier: | KEMET |
| Series: | T495 |
| Dielectric: | MnO2 Tantalum |
| Style: | SMD Chip |
| Description: | SMD, MnO2, Molded, Low ESR |
| Features: | Low ESR |
| RoHS: | Yes |
| Termination: | Tin |
| Shelf Life: | 156 Weeks |
| MSL: | 1 |

Dimensions

| | |
|-----------|-------------------|
| Footprint | 3528 |
| L | 3.5mm +/-0.2mm |
| W | 2.8mm +/-0.2mm |
| H | 1.9mm +/-0.2mm |
| T | 0.13mm REF |
| S | 0.8mm +0.1/-0.3mm |
| F | 2.2mm +/-0.1mm |
| A | 1.9mm MIN |
| B | 0.4mm +/-0.15mm |
| E | 2.2mm REF |
| G | 1.8mm REF |
| P | 0.5mm REF |
| R | 1mm REF |
| X | 0.1mm +/-0.1mm |

Specifications

| | |
|------------------------|---|
| Capacitance: | 4.7 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 35 VDC (85C), 23.45 VDC (125C) |
| Temperature Range: | -55/+125C |
| Rated Temperature: | 85C |
| Dissipation Factor: | 6.00% 120Hz 20C |
| Failure Rate: | N/A |
| Resistance: | 1000 mOhms (100kHz) |
| Ripple Current: | 292 mAmps (100kHz 25C), 262.8 mAmps (85C), 116.8 mAmps (125C) |
| Leakage Current: | 1.6 uA (5min 20C) |

Packaging Specifications

| | |
|---------------------|------------|
| Weight: | 107.45 mg |
| Packaging: | T&R, 178mm |
| Packaging Quantity: | 2000 |