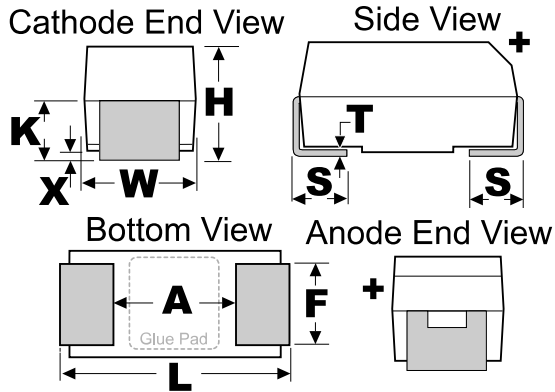


Tantalum, Polymer Tantalum, T520, 47 uF, 20%, 6.3 V, 3528, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 70 mOhms, Height Max = 1.2mm



| General Information | |
|---------------------|---|
| Dielectric: | Polymer Tantalum |
| Style: | SMD Chip |
| Series: | T520 |
| Description: | SMD, Polymer, Molded, Low Profile/ESR, NonCombustible |
| Features: | Low ESR |
| RoHS: | Yes |
| Termination: | Tin |

| Dimensions | |
|------------------|----------------|
| Footprint | 3528 |
| 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 |

| Specifications | |
|-------------------------------|---|
| Capacitance: | 47 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 6.3 VDC (105C) |
| Temperature Range: | -55/+105C |
| Dissipation Factor: | 8% 120Hz 25C |
| Failure Rate: | N/A |
| Resistance: | 70 mOhms (100kHz 25C) |
| Current: | 1200 mAmps (100kHz 45C), 840 mAmps (85C), 300 mAmps (105C) |
| Leakage Current: | 29.6 uA (5min 25C) |

| Packaging Specifications | |
|----------------------------|------------|
| Weight: | 54.84 mg |
| Packaging: | T&R, 178mm |
| Packaging Quantity: | 2500 |

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