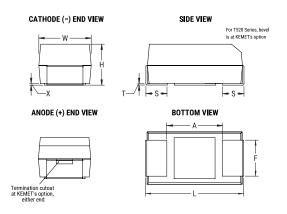
KEMET Part Number: T520V107M010ATE045



T520, Tantalum, Polymer Tantalum, 100 uF, 20%, 10 VDC, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 45 mOhms, 7343, Height Max = 1.9mm



| General Information | |
|---------------------|--|
| Series: | T520 |
| Dielectric: | Polymer Tantalum |
| Style: | SMD Chip |
| Description: | SMD, Polymer, Molded, Low Profile/ESR, NonCombustible |
| Features: | Low ESR |
| RoHS: | Yes |
| Termination: | Tin |
| AEC-Q200: | No |
| Shelf Life: | 52 Weeks |
| MSL: | 3 |

| Dimensions | |
|------------|----------------|
| Footprint | 7343 |
| L | 7.3mm +/-0.3mm |
| W | 4.3mm +/-0.3mm |
| Н | 1.8mm +/-0.1mm |
| Т | 0.13mm REF |
| S | 1.3mm +/-0.3mm |
| F | 2.4mm +/-0.1mm |
| A | 3.6mm MIN |
| Х | 0.05mm REF |

| Packaging Specifications | | |
|--------------------------|------------|--|
| Weight: | 274.3 mg | |
| Packaging: | T&R, 178mm | |
| Packaging Quantity: | 1000 | |

| Specifications | |
|------------------------|---|
| Capacitance: | 100 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 10 VDC (105C) |
| Temperature Range: | -55/+105°C |
| Rated Temperature: | 105°C |
| Humidity: | 60C, 90% RH, 500 Hours, No Load |
| Dissipation Factor: | 10% 120Hz 25C |
| Failure Rate: | N/A |
| Resistance: | 45 mOhms (100kHz 25C) |
| Ripple Current: | 2000 mA (rms, 100kHz 45C), 1400 mA (rms, 85C), 500 mA (rms, 105C) |
| Leakage Current: | 100 uA (5min 25°C) |

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