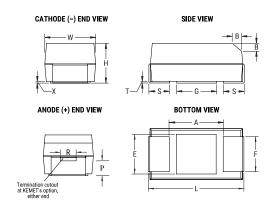
KEMET Part Number: T491D106K050AT



T491, Tantalum, MnO2 Tantalum, 10 uF, 10%, 50 VDC, SMD, MnO2, Molded, 800 mOhms, 7343, Height Max = 3.1mm



| General Information | | |
|---------------------|-------------------|--|
| Supplier: | KEMET | |
| Series: | T491 | |
| Dielectric: | MnO2 Tantalum | |
| Style: | SMD Chip | |
| Description: | SMD, MnO2, Molded | |
| RoHS: | Yes | |
| Termination: | Tin | |
| Shelf Life: | 156 Weeks | |
| MSL: | 1 | |

| Dimensions | |
|------------|-----------------|
| Footprint | 7343 |
| L | 7.3mm +/-0.3mm |
| W | 4.3mm +/-0.3mm |
| Н | 2.8mm +/-0.3mm |
| Т | 0.13mm REF |
| S | 1.3mm +/-0.3mm |
| F | 2.4mm +/-0.1mm |
| Α | 3.6mm MIN |
| В | 0.5mm +/-0.15mm |
| E | 3.5mm REF |
| G | 3.5mm REF |
| Р | 0.9mm REF |
| R | 1mm REF |
| Х | 0.1mm +/-0.1mm |

| Specifications | |
|------------------------|---|
| Capacitance: | 10 uF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 50 VDC (85C), 33.5 VDC (125C) |
| Temperature Range: | -55/+125C |
| Rated Temperature: | 85°C |
| Dissipation Factor: | 6.00% 120Hz 20C |
| Failure Rate: | N/A |
| Resistance: | 0.8 Ohms (100kHz) |
| Ripple Current: | 433 mAmps (100kHz 25C), 389.7 mAmps (85C), 173.2 mAmps (125C) |
| Leakage Current: | 5 uA (5min 20C) |

| Packaging Specifications | | |
|--------------------------|------------|--|
| Weight: | 446.84 mg | |
| Packaging: | T&R, 178mm | |
| Packaging Quantity: | 500 | |

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