

KEMET Part Number: T491D475M050AT
(B45196E7475M409)

Tantalum, MnO2 Tantalum, T491, 4.7 uF, 20%, 50 V, 7343, SMD, MnO2, Molded, 1.2 Ohms, 3.1mm



| General Information | |
|---------------------|-------------------|
| Dielectric: | MnO2 Tantalum |
| Style: | SMD Chip |
| Series: | T491 |
| Description: | SMD, MnO2, Molded |
| RoHS: | Yes |
| Termination: | Tin |

| Specifications | |
|------------------------|--|
| Capacitance: | 4.7 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 50 VDC (85C), 33.5 VDC (125C) |
| Temperature Range: | -55/+125C |
| Dissipation Factor: | 6% |
| Failure Rate: | N/A |
| Resistance: | 1.2 Ohms (100kHz) |
| Current: | 354 mAmps (25C), 318.6 mAmps (85C), 141.6 mAmps (125C) |
| Leakage: | 2.4 uAmps |

| Dimensions | |
|------------|-----------------|
| Footprint | 7343 |
| L | 7.3mm +/-0.3mm |
| W | 4.3mm +/-0.3mm |
| H | 2.8mm +/-0.3mm |
| T | 0.13mm REF |
| S | 1.3mm +/-0.3mm |
| F | 2.4mm +/-0.1mm |
| A | 3.6mm MIN |
| B | 0.5mm +/-0.15mm |
| E | 3.5mm REF |
| G | 3.5mm REF |
| P | 0.9mm REF |
| R | 1mm REF |
| X | 0.1mm +/-0.1mm |

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

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