

T491, Tantalum, MnO2 Tantalum, 6.8 uF, 20%, 25 VDC, SMD, MnO2, Molded, 1.9 Ohms, 6032, Height Max = 2.8mm



| General Information | |
|---------------------|-------------------|
| Series: | T491 |
| Dielectric: | MnO2 Tantalum |
| Style: | SMD Chip |
| Description: | SMD, MnO2, Molded |
| RoHS: | Yes |
| Termination: | Tin |
| AEC-Q200: | No |
| Shelf Life: | 156 Weeks |
| MSL: | 1 |

| Dimensions | |
|------------|-----------------|
| Footprint | 6032 |
| L | 6mm +/-0.3mm |
| W | 3.2mm +/-0.3mm |
| H | 2.5mm +/-0.3mm |
| T | 0.13mm REF |
| S | 1.3mm +/-0.3mm |
| F | 2.2mm +/-0.1mm |
| A | 2.9mm MIN |
| B | 0.5mm +/-0.15mm |
| E | 2.4mm REF |
| G | 2.8mm REF |
| P | 0.9mm REF |
| R | 1mm REF |
| X | 0.1mm +/-0.1mm |

| Specifications | |
|------------------------|--|
| Capacitance: | 6.8 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 25 VDC (85C), 16.75 VDC (125C) |
| Temperature Range: | -55/+125°C |
| Rated Temperature: | 85°C |
| Dissipation Factor: | 6% 120Hz 20C |
| Failure Rate: | N/A |
| Resistance: | 1.9 Ohms (100kHz) |
| Ripple Current: | 241 mA (rms, 100kHz 25C), 216.9 mA (rms, 85C), 96.4 mA (rms, 125C) |
| Leakage Current: | 1.7 uA (5min 20°C) |

| Packaging Specifications | |
|--------------------------|------------|
| Weight: | 224.48 mg |
| Packaging: | T&R, 178mm |
| Packaging Quantity: | 500 |

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