

KEMET Part Number: T491C106M020AT
(B45196H4106M309)

Tantalum, MnO₂ Tantalum, T491, 10 uF, 20%, 20 V, 6032, SMD, MnO₂, Molded, 1.6 Ohms, Height Max = 2.8mm



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 |

Packaging Specifications

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

General Information

| | |
|---------------------|--------------------------------|
| Dielectric: | MnO ₂ Tantalum |
| Style: | SMD Chip |
| Series: | T491 |
| Description: | SMD, MnO ₂ , Molded |
| RoHS: | Yes |
| Termination: | Tin |

Specifications

| | |
|-------------------------------|---|
| Capacitance: | 10 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 20 VDC (85C), 13.4 VDC (125C) |
| Temperature Range: | -55/+125C |
| Dissipation Factor: | 6% 120Hz 20C |
| Failure Rate: | N/A |
| Resistance: | 1.6 Ohms (100kHz) |
| Current: | 247 mAmps (100kHz 25C), 222.3 mAmps (85C), 98.8 mAmps (125C) |
| Leakage Current: | 2 uAmps (5min 20C) |