

Tantalum, MnO2 Tantalum, High Temperature, T502, 10 uF, 10%, 16 V, 3528, SMD, MnO2, Molded, High Temperature, 230C, N/A, 2.8 Ohms, Height Max = 2.1mm



**Dimensions**

Footprint		3528
<b>L</b>		3.5mm +/-0.2mm
<b>W</b>		2.8mm +/-0.2mm
<b>H</b>		1.9mm +/-0.2mm
<b>T</b>		0.13mm REF
<b>S</b>		0.8mm +0.1/-0.3mm
<b>F</b>		2.2mm +/-0.1mm
<b>A</b>		1.9mm MIN
<b>B</b>		0.4mm +/-0.15mm
<b>P</b>		0.5mm REF
<b>R</b>		1mm REF
<b>X</b>		0.1mm +/-0.1mm

**Packaging Specifications**

<b>Weight:</b>	63 mg
<b>Packaging:</b>	T&R, 178mm
<b>Packaging Quantity:</b>	2000

**General Information**

<b>Dielectric:</b>	MnO2 Tantalum
<b>Style:</b>	SMD Chip
<b>Series:</b>	T502
<b>Description:</b>	SMD, MnO2, Molded, High Temperature, 230C
<b>Features:</b>	230C
<b>RoHS:</b>	Yes
<b>Termination:</b>	Gold
<b>Notes:</b>	In Polarity Stripe, At KEMET's Option, Type May Be Indicated: No Symbol = Standard (Or Low Leakage) MnO2 Tantalum Chip, O = LowESR T494, R = Low ESR T495, F = Fused T496, HT = 150C Rated T498 (or B45196P, B45198P), H = 175C rated T499, M = Multiple Anode

**Specifications**

<b>Capacitance:</b>	10 uF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage DC:</b>	16 VDC (85C), 13.1 VDC (125C), 5.3 VDC (230C)
<b>Temperature Range:</b>	-55/+230C
<b>Dissipation Factor:</b>	6% 120Hz 25C
<b>Failure Rate:</b>	N/A
<b>Resistance:</b>	2.8 Ohms (100kHz)
<b>Current:</b>	174 mAmps (100kHz 45C)
<b>Leakage Current:</b>	1.6 uAmps (5min 25C)

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