

Tantalum, MnO2 Tantalum, High Temperature, T502, 10 uF, 20%, 16 V, 3528, SMD, MnO2, Molded, High Temperature, 230C, N/A, 2.8 Ohms, Height Max = 2.1mm



Dimensions

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

Packaging Specifications

Weight:	63 mg
Packaging:	T&R, 330mm
Packaging Quantity:	8000

General Information

Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Series:	T502
Description:	SMD, MnO2, Molded, High Temperature, 230C
Features:	230C
RoHS:	Yes
Termination:	Gold
Notes:	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

Capacitance:	10 uF
Capacitance Tolerance:	20%
Voltage DC:	16 VDC (85C), 13.1 VDC (125C), 5.3 VDC (230C)
Temperature Range:	-55/+230C
Dissipation Factor:	6% 120Hz 25C
Failure Rate:	N/A
Resistance:	2.8 Ohms (100kHz)
Current:	174 mAmps (100kHz 45C)
Leakage:	1.6 uAmps (5min 25C)

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