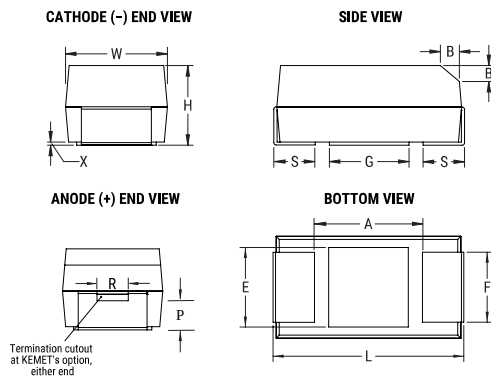


T500, Tantalum, MnO₂ Tantalum, High Temperature, 100 uF, 10%, 16 VDC, SMD, MnO₂, Molded, High Temperature, 200C, N/A, 250 mOhms, 7343, Height Max = 4.3mm



Dimensions

Footprint	7343
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
H	4mm +/-0.3mm
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
A	3.8mm MIN
B	0.5mm +/-0.15mm
E	3.5mm REF
G	3.5mm REF
P	1.7mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Packaging Specifications

Packaging:	T&R, 178mm
Packaging Quantity:	500

General Information

Supplier:	KEMET
Series:	T500
Dielectric:	MnO ₂ Tantalum
Style:	SMD Chip
Description:	SMD, MnO ₂ , Molded, High Temperature, 200C
Features:	200C
RoHS:	Yes
Termination:	Gold
Notes:	In polarity stripe, at KEMET's option, type may be indicated: no symbol = Standard (or low leakage) MnO ₂ tantalum chip, O = LowESR T494, R = Low ESR T495, F = Fused T496, HT = 150C rated T498 (or B45196P, B45198P), H = 175C rated T499, H2 = 200C rated T50
Shelf Life:	156 Weeks
MSL:	1

Specifications

Capacitance:	100 uF
Capacitance Tolerance:	10%
Voltage DC:	16 VDC (85C), 12.8 VDC (125C), 6.4 VDC (200C)
Temperature Range:	-55/+200C
Rated Temperature:	85°C
Humidity:	85C, 85% RH, 0 V, 1000 Hours
Dissipation Factor:	8.00% 120Hz 20C
Failure Rate:	N/A
Resistance:	250 mOhms (100kHz 20C)
Ripple Current:	812 mA (100kHz 25C), 325 mA (100kHz 125C), 81 mA (100kHz 200C)
Leakage Current:	16 uA (5min 20C)