

Capacitor, Tantalum, 10 uF, 3528, +/-20% Tol, -55/+230C, 16 VDC (85C), Failure Rate=N/A



General Information	
Supplier:	KEMET
Application:	High Temperature
Sub Application:	(230C)
Part Type Description:	SMD, MnO <sub>2</sub> , Molded, High Temperature, 230C
Construction:	Standard Chip-MnO <sub>2</sub>
Body Type:	SMD Chip
Footprint:	3528
Weight:	63 mg
RoHS:	Yes

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	3.5	+/-0.2
W	2.8	+/-0.2
H	1.9	+/-0.2
F	2.2	+/-0.1
S	0.8	+0.1/-0.3
B	0.4	+/-0.15
X	0.1	+/-0.1
P	0.5	REF
R	1	REF
T	0.13	REF
A	1.9	MIN

Specifications	
Capacitance:	10 uF
Tolerance:	+/-20%
Voltage:	16 VDC (85C)
Voltage:	6.6 VDC (125C)
Voltage:	3.2 VDC (230C)
Temperature Range:	-55/+230C
Testing:	10 Cycles Surge Current Testing At +25C After Weibull
Current/Ripple Current:	551 mAmps (100kHz 45C)
Resistance/ESR:	2.8 Ohms (100kHz)
Failure Rate:	N/A
Leakage Current:	1.6 uA
Dissipation Factor:	6%

Notes:

-In polarity stripe, at KEMET's option, type may be indicated: no symbol = Standard (or low leakage) MnO<sub>2</sub> 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

Packaging Specifications	
Package Kind:	T&R
Package Size:	7 in/180 mm
Package Quantity:	2000