

Capacitor, Tantalum, SMD, MnO2, Molded, 1 uF, 3528, +/-10% Tol, 25 V (85C)



General Information	
Supplier:	KEMET
Brand:	Kemet
Application:	General Purpose
Part Type Description:	SMD, MnO2, Molded
Construction:	Standard Chip-MnO2
Body Type:	Molded Chip
Termination:	Tin
Footprint:	3528
Weight:	107.45 mg
RoHS:	Yes

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	3.50	+/-0.2
W	2.80	+/-0.2
H	1.90	+/-0.2
F	2.20	+/-0.1
S	0.80	+/-0.3
B	0.40	+/-0.15
X	0.10	+/-0.1
P	0.50	REF
R	1.00	REF
T	0.13	REF
A	2.10	MIN
G	1.80	REF
E	2.20	REF

Specifications	
Capacitance:	1 uF
Tolerance:	+/-10%
Voltage:	25 V (85C)
Voltage:	16.75V (125C)
Temperature Range:	-55/+125C
Current/Ripple Current:	130 mA (25C)
Current/Ripple Current:	117 mA (85C)
Current/Ripple Current:	52 mA (125C)
Resistance/ESR:	5 Ohms (100kHz)
Failure Rate:	NA
Leakage Current:	0.5 uA
Dissipation Factor:	4%

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

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