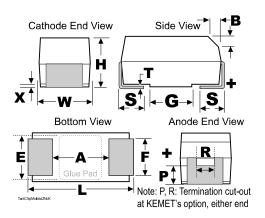
KEMET Part Number: T502B106K016AG63107280



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



General Information		
Supplier:	KEMET	
Application:	High Temperature	
Sub Application:	(230C)	
Part Type Description:	SMD, MnO2, Molded, High Temperature, 230C	
Construction:	Standard Chip-MnO2	
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
Н	1.9	+/-0.2
F	2.2	+/-0.1
S	0.8	+0.1/-0.3
В	0.4	+/-0.15
Х	0.1	+/-0.1
Р	0.5	REF
R	1	REF
T	0.13	REF
Α	1.9	MIN

Specifications		
Capacitance:	10 uF	
Tolerance:	+/-10%	
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 -55C And +85C 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) 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:	13 in/330 mm	
Package Quantity:	8000	

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