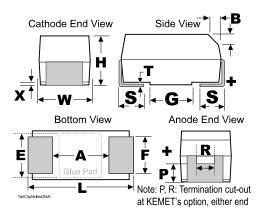
KEMET Part Number: T502B106K016AG6310



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
Т	0.13	REF
A	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:	7 in/180 mm	
Package Quantity:	2000	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

