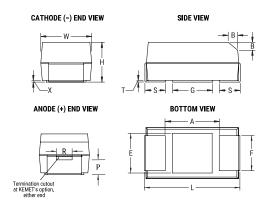
KEMET Part Number: T494B106M016AT



T494, Tantalum, MnO2 Tantalum, 10 uF, 20%, 16 VDC, SMD, MnO2, Molded, Low ESR, 800 mOhms, 3528, Height Max = 2.1mm



Dimensions		
Footprint	3528	
L	3.5mm +/-0.2mm	
W	2.8mm +/-0.2mm	
Н	1.9mm +/-0.2mm	
Т	0.13mm REF	
S	0.8mm +0.1/-0.3mm	
F	2.2mm +/-0.1mm	
A	1.9mm MIN	
В	0.4mm +/-0.15mm	
E	2.2mm REF	
G	1.8mm REF	
Р	0.5mm REF	
R	1mm REF	
Х	0.1mm +/-0.1mm	

Packaging Specifications		
Packaging:	T&R, 178mm	
Packaging Quantity:	2000	

General Information	
Series:	T494
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Low ESR
Features:	Low ESR
RoHS:	Yes
Termination:	Tin
AEC-Q200:	No
Component Weight:	107.45 mg
Shelf Life:	156 Weeks
MSL:	1

Specifications		
Capacitance:	10 uF	
Capacitance Tolerance:	20%	
Voltage DC:	16 VDC (85C), 10.72 VDC (125C)	
Temperature Range:	-55/+125°C	
Rated Temperature:	85°C	
Dissipation Factor:	6% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	0.8 Ohms (100kHz 25C)	
Ripple Current:	326 mA (rms, 100kHz 25C), 293.4 mA (rms, 85C), 130.4 mA (rms, 125C)	
Leakage Current:	1.6 uA (5min 25°C)	

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