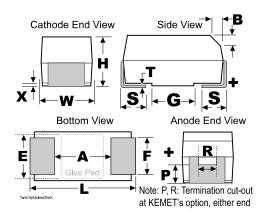
KEMET Part Number: T499C226K016ATE1K6



Tantalum, MnO2 Tantalum, High Temperature, T499, 22 uF, 10%, 16 V, 6032, SMD, MnO2, Molded, Hi-Temp, 175C, Auto, AEC-Q200, N/A, 1.6 Ohms, Height Max = 2.8mm



Dimensions		
Footprint	6032	
L	6mm +/-0.3mm	
W	3.2mm +/-0.3mm	
Н	2.5mm +/-0.3mm	
Т	0.13mm REF	
S	1.3mm +/-0.3mm	
F	2.2mm +/-0.1mm	
Α	3.1mm MIN	
В	0.5mm +/-0.15mm	
E	2.4mm REF	
G	2.8mm REF	
Р	0.9mm REF	
R	1mm REF	
Х	0.1mm +/-0.1mm	

Packaging Specifications		
Weight:	224.48 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	500	

General Information	
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Series:	T499
Description:	SMD, MnO2, Molded, Hi-Temp, 175C, Auto, AEC-Q200
Features:	Automotive, 175C
RoHS:	Yes
Termination:	Tin
Approvals:	AEC-Q200
AEC-Q200:	Yes

Specifications		
Capacitance:	22 uF	
Capacitance Tolerance:	10%	
Voltage DC:	16 VDC (85C), 12.44 VDC (125C), 5.3 VDC (175C)	
Temperature Range:	-55/+175C	
Dissipation Factor:	6% 120Hz 20C	
Failure Rate:	N/A	
Resistance:	1600 mOhms (100kHz)	
Current:	262 mAmps (100kHz 25C), 235.8 mAmps (85C), 52.4 mAmps (175C)	
Leakage Current:	3.5 uAmps (5min 20C)	

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