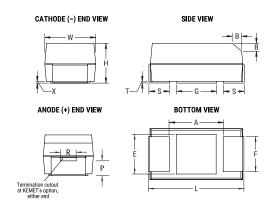
KEMET Part Number: T499A224K035ATE18K



T499, Tantalum, MnO2 Tantalum, High Temperature, .22 uF, 10%, 35 VDC, SMD, MnO2, Molded, Hi-Temp, 175C, Auto, AEC-Q200, N/A, 18 Ohms, 3216, Height Max = 1.8mm



Dimensions		
Footprint	3216	
L	3.2mm +/-0.2mm	
W	1.6mm +/-0.2mm	
Н	1.6mm +/-0.2mm	
Т	0.13mm REF	
S	0.8mm +/-0.3mm	
F	1.2mm +/-0.1mm	
A	1.2mm MIN	
В	0.4mm +/-0.15mm	
E	1.3mm REF	
G	1.1mm REF	
Р	0.4mm REF	
R	0.4mm REF	
Х	0.1mm +/-0.1mm	

Packaging Specifications		
Weight:	58.6 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	2000	

General Information	
Supplier:	KEMET
Series:	T499
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Hi-Temp, 175C, Auto, AEC-Q200
Features:	Automotive, 175C
RoHS:	Yes
Termination:	Tin
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Shelf Life:	156 Weeks
MSL:	1

Specifications	
Capacitance:	.22 uF
Capacitance Tolerance:	10%
Voltage DC:	35 VDC (85C), 27.22 VDC (125C), 11.7 VDC (175C)
Temperature Range:	-55/+175C
Rated Temperature:	85C
Dissipation Factor:	4.00% 120Hz 20C
Failure Rate:	N/A
Resistance:	18000 mOhms (100kHz)
Ripple Current:	65 mAmps (100kHz 25C), 58.5 mAmps (85C), 13 mAmps (175C)
Leakage Current:	0.5 uA (5min 20C)

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