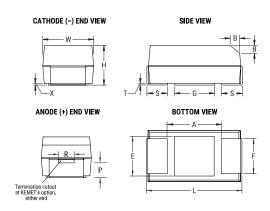
## KEMET Part Number: T498A105M035ATE10K



T498, Tantalum, MnO2 Tantalum, High Temperature, 1 uF, 20%, 35 VDC, SMD, MnO2, Molded, Hi-Temp, 150C, Auto, AEC-Q200, N/A, 10 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	
Series:	T498
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Hi-Temp, 150C, Auto, AEC-Q200
Features:	Automotive, 150C
RoHS:	Yes
Termination:	Tin
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Shelf Life:	156 Weeks
MSL:	1

Specifications		
Capacitance:	1 uF	
Capacitance Tolerance:	20%	
Voltage DC:	35 VDC (85C), 28 VDC (125C), 23.45 VDC (150C)	
Temperature Range:	-55/+150°C	
Rated Temperature:	85°C	
Dissipation Factor:	4% 120Hz 20C	
Failure Rate:	N/A	
Resistance:	10000 mOhms (100kHz)	
Ripple Current:	87 mA (rms, 100kHz 25C), 78.3 mA (rms, 85C), 26.1 mA (rms, 150C)	
Leakage Current:	0.5 uA (5min 20°C)	

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