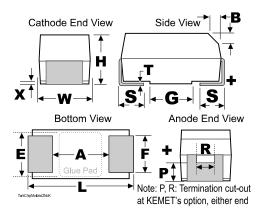
KEMET Part Number: T499B684K035ATE6K5



Tantalum, MnO2 Tantalum, High Temperature, T499, 0.68 uF, 10%, 35 V, 3528, SMD, MnO2, Molded, Hi-Temp, 175C, Auto, AEC-Q200, N/A, 6 Ohms, 2.1mm



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

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 +/-0.3mm	
F	2.2mm +/-0.1mm	
Α	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	

Specifications	
Capacitance:	0.68 uF
Capacitance Tolerance:	10%
Voltage DC:	35 VDC (85C), 27.22 VDC (125C), 17.5 VDC (175C)
Temperature Range:	-55/+175C
Dissipation Factor:	4%
Failure Rate:	N/A
Resistance:	6000 mOhms (100kHz)
Current:	119 mAmps (25C), 107.1 mAmps (85C), 23.8 mAmps (175C)
Leakage:	0.5 uAmps

Packaging Specifications		
Weight:	107.45 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	2000	

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