

Tantalum, MnO2 Tantalum, High Temperature, T499, 2.2 uF, 10%, 35 V, 6032, SMD, MnO2, Molded, Hi-Temp, 175C, Auto, AEC-Q200, N/A, 3.5 Ohms, 2.8mm



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	6032
L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
H	2.5mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
A	3.1mm MIN
B	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Specifications	
Capacitance:	2.2 uF
Capacitance Tolerance:	10%
Voltage DC:	35 VDC (85C), 27.22 VDC (125C), 17.5 VDC (175C)
Temperature Range:	-55/+175C
Dissipation Factor:	6%
Failure Rate:	N/A
Resistance:	3500 mOhms (100kHz)
Current:	177 mAmps (25C), 159.3 mAmps (85C), 35.4 mAmps (175C)
Leakage:	0.8 uAmps

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

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