

T490T157M004ATE1K1

T490, Tantalum, MnO2 Tantalum, Consumer, 150 uF, 20%, 4 VDC, SMD, MnO2, Molded, Low Profile, Consumer, 1.1 Ohms, 3528, Height Max = 1.2mm

CATHODE (-) END VIEW





SIDE VIEW

ANODE (+) END VIEW





Click here for the 3D model.

Dimensions	
Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
Н	1.1mm +/-0.1mm
Т	0.13mm REF
S	0.8mm +0.2/-0.3mm
F	2.2mm +/-0.1mm
А	1.9mm MIN
E	2.2mm REF
G	1.8mm REF
Х	0.05mm REF

Packaging Specifications		
Packaging	T&R, 178mm	
Packaging Quantity	3000	

General Information	
Series	T490
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Low Profile, Consumer
RoHS	Yes
Termination	Tin
AEC-Q200	No
Component Weight	63.89 mg
Shelf Life	156 Weeks
MSL	1

Specifications	
Capacitance	150 uF
Capacitance Tolerance	20%
Voltage DC	4 VDC (40C), 2 VDC (85C), 0.8 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	40°C
Humidity	40C, 93% RH, 1000 Hours, No Load
Failure Rate	N/A
Resistance	1.1 Ohms (100kHz 25C)
Ripple Current	252 mAmps (100kHz 25C), 226.8 mAmps (40C), 100.8 mAmps (125C)
Leakage Current	6 uA (5min 25°C)

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