

CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



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Dimensions

Footprint	3216
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
H	1.6mm +/-0.2mm
T	0.13mm REF
S	0.8mm +0.2/-0.3mm
F	1.2mm +/-0.1mm
A	1.2mm MIN
B	0.4mm +/-0.15mm
E	1.3mm REF
G	1.1mm REF
P	0.4mm REF
R	0.4mm REF
X	0.1mm +/-0.1mm

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	2000

General Information

Series	T490
Dielectric	MnO ₂ Tantalum
Style	SMD Chip
Description	SMD, MnO ₂ , Molded, Consumer
RoHS	Yes
Termination	Tin
AEC-Q200	No
Component Weight	58.6 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	0.8 Ohms (100kHz 25C)
Ripple Current	306 mAmps (100kHz 25C), 275.4 mAmps (40C), 122.4 mAmps (125C)
Leakage Current	6 uA (5min 25°C)