

CATHODE (-) END VIEW



SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



Click [here](#) for the 3D model.

Dimensions

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

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	2500

General Information

Series	T491
Dielectric	MnO ₂ Tantalum
Style	SMD Chip
Description	SMD, MnO ₂ , Molded, Low Profile
RoHS	Yes
Termination	Tin
AEC-Q200	No
Component Weight	41.42 mg
Shelf Life	156 Weeks
MSL	1

Specifications

Capacitance	1 uF
Capacitance Tolerance	20%
Voltage DC	25 VDC (85C), 16.75 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
Resistance	18 Ohms (100kHz 25C)
Ripple Current	58 mA (rms, 100kHz 25C), 52.2 mA (rms, 85C), 23.2 mA (rms, 125C)
Leakage Current	0.5 uA (5min 25°C)