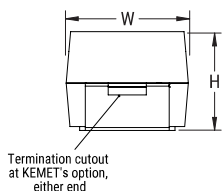
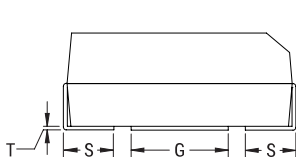


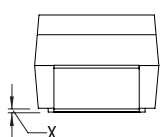
CATHODE (-) END VIEW



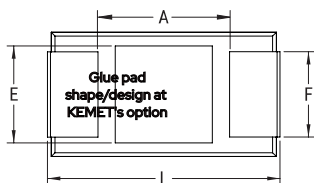
SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



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

General Information

Series	T495
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded, Low Profile, Low ESR
Features	Low ESR
RoHS	Yes
Termination	Tin
AEC-Q200	No
Typical Component Weight	63.89 mg
Shelf Life	156 Weeks
MSL	1

Specifications

Capacitance	47 uF
Tolerance	20%
Voltage DC	4 VDC (85C), 2.68 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
ESR	1000 mOhms (100kHz 25C)
Ripple Current	265 mA (rms, 100kHz 25C), 238.5 mA (rms, 85C), 106 mA (rms, 125C)
Leakage Current	1.9 uA (5min 25°C)

Dimensions

L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.1mm +/-0.1mm
T	0.13mm REF
S	0.8mm +0.1/-0.3mm
F	2.2mm +/-0.1mm
A	1.9mm MIN
E	2.2mm REF
G	1.8mm REF
X	0.05mm REF

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	2500