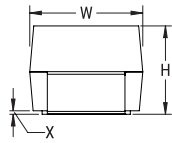
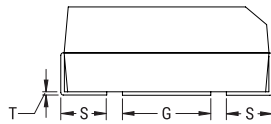


T491, Tantalum, MnO2 Tantalum, 4.7 uF, 10%, 10 VDC, SMD, MnO2, Molded, Low Profile, 15 Ohms, 3216, Height Max = 1.2mm

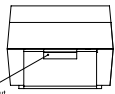
CATHODE (-) END VIEW



SIDE VIEW

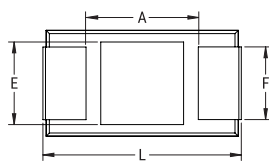


ANODE (+) END VIEW



Termination cutout at KEMET's option, either end.

BOTTOM VIEW



General Information

Series:	T491
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Low Profile
RoHS:	Yes
Termination:	Tin
AEC-Q200:	No
Component Weight:	41.42 mg
Shelf Life:	156 Weeks
MSL:	1

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

Specifications

Capacitance:	4.7 uF
Capacitance Tolerance:	10%
Voltage DC:	10 VDC (85C), 6.7 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	6% 120Hz 25C
Failure Rate:	N/A
Resistance:	15 Ohms (100kHz 25C)
Ripple Current:	63 mA (rms, 100kHz 25C), 56.7 mA (rms, 85C), 25.2 mA (rms, 125C)
Leakage Current:	0.5 uA (5min 25°C)

Packaging Specifications

Packaging:	T&R, 178mm
Packaging Quantity:	2500

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