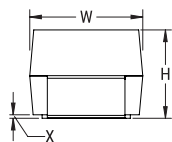
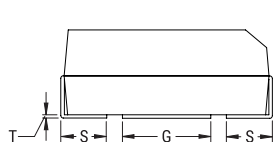


T490, Tantalum, MnO2 Tantalum, Consumer, 47 uF, 20%, 6 VDC, SMD, MnO2, Molded, Low Profile, Consumer, 800 mOhms, 3528, Height Max = 1.2mm

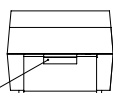
CATHODE (-) END VIEW



SIDE VIEW

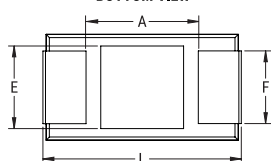


ANODE (+) END VIEW



Termination cutout at KEMET's option, either end.

BOTTOM VIEW



General Information

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

Dimensions

Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.1mm +/-0.1mm
T	0.13mm REF
S	0.8mm +0.2/-0.3mm
F	2.2mm +/-0.1mm
A	1.9mm MIN
E	2.2mm REF
G	1.8mm REF
X	0.05mm REF

Specifications

Capacitance:	47 uF
Capacitance Tolerance:	20%
Voltage DC:	6 VDC (40C), 3 VDC (85C), 1.2 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:	295 mAmps (100kHz 25C), 265.5 mAmps (40C), 118 mAmps (125C)
Leakage Current:	2.8 uA (5min 25°C)

Packaging Specifications

Weight:	63.89 mg
Packaging:	T&R, 178mm
Packaging Quantity:	3000

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