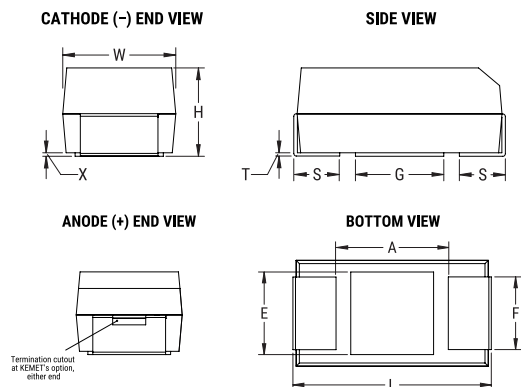


T491, Tantalum, MnO2 Tantalum, 47 uF, 10%, 6.3 VDC, SMD, MnO2, Molded, Low Profile, 2 Ohms, 3528, Height Max = 1.2mm



General Information

Series:	T491
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Low Profile
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 +0.1/-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:	10%
Voltage DC:	6.3 VDC (85C), 4.22 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	10% 120Hz 20C
Failure Rate:	N/A
Resistance:	2 Ohms (100kHz)
Ripple Current:	187 mA (rms, 100kHz 25C), 168.3 mA (rms, 85C), 74.8 mA (rms, 125C)
Leakage Current:	3 uA (5min 20°C)

Packaging Specifications

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