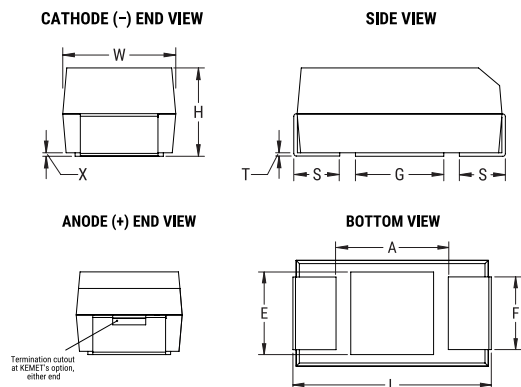


T491, Tantalum, MnO2 Tantalum, 47 uF, 10%, 4 VDC, SMD, MnO2, Molded, Low Profile, 1.8 Ohms, 6032, Height Max = 1.5mm



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	6032
L	6mm +/-0.3mm
W	3.2mm +/-0.2mm
H	1.4mm +/-0.1mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
A	2.9mm MIN
E	2.4mm REF
G	2.8mm REF
X	0.05mm REF

Specifications

Capacitance:	47 uF
Capacitance Tolerance:	10%
Voltage DC:	4 VDC (85C), 2.68 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	6% 120Hz 20C
Failure Rate:	N/A
Resistance:	1.8 Ohms (100kHz)
Ripple Current:	224 mA (rms, 100kHz 25C), 201.6 mA (rms, 85C), 89.6 mA (rms, 125C)
Leakage Current:	1.9 uA (5min 20°C)

Packaging Specifications

Weight:	70 mg
Packaging:	T&R, 178mm
Packaging Quantity:	1000