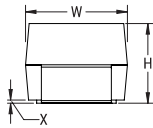
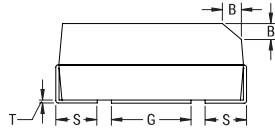


T491, Tantalum, MnO2 Tantalum, 6.8 uF, 20%, 6.3 VDC, SMD, MnO2, Molded, 6 Ohms, 3216, Height Max = 1.8mm

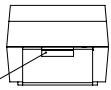
CATHODE (-) END VIEW



SIDE VIEW

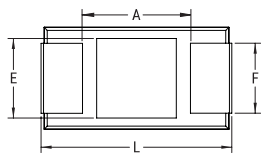


ANODE (+) END VIEW



Termination cutout
 at KEMET's option,
 either end.

BOTTOM VIEW



General Information

Supplier:	KEMET
Series:	T491
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded
RoHS:	Yes
Termination:	Tin
Shelf Life:	156 Weeks
MSL:	1

Dimensions

Footprint	3216
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
H	1.6mm +/-0.2mm
T	0.13mm REF
S	0.8mm +0.2/-0.3mm
F	1.2mm +/-0.1mm
A	1.2mm MIN
B	0.4mm +/-0.15mm
E	1.3mm REF
G	1.1mm REF
P	0.4mm REF
R	0.4mm REF
X	0.1mm +/-0.1mm

Specifications

Capacitance:	6.8 uF
Capacitance Tolerance:	20%
Voltage DC:	6.3 VDC (85C), 4.22 VDC (125C)
Temperature Range:	-55/+125C
Rated Temperature:	85C
Dissipation Factor:	6.00% 120Hz 20C
Failure Rate:	N/A
Resistance:	6 Ohms (100kHz)
Ripple Current:	112 mAmps (100kHz 25C), 100.8 mAmps (85C), 44.8 mAmps (125C)
Leakage Current:	0.5 uA (5min 20C)

Packaging Specifications

Weight:	58.6 mg
Packaging:	T&R, 178mm
Packaging Quantity:	2000