

T491, Tantalum, MnO2 Tantalum, 15 uF, 10%, 25 VDC, SMD, MnO2, Molded, 1.5 Ohms, 6032, Height Max = 2.8mm



Dimensions

Footprint		6032
L		6mm +/-0.3mm
W		3.2mm +/-0.3mm
H		2.5mm +/-0.3mm
T		0.13mm REF
S		1.3mm +/-0.3mm
F		2.2mm +/-0.1mm
A		2.9mm MIN
B		0.5mm +/-0.15mm
E		2.4mm REF
G		2.8mm REF
P		0.9mm REF
R		1mm REF
X		0.1mm +/-0.1mm

Packaging Specifications

Weight:	224.48 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

General Information

Supplier:	KEMET
Series:	T491
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded
RoHS:	No
Prop 65:	WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov
REACH:	SVHC (Pb – CAS 7439-92-1)
Termination:	Solder Coated
Shelf Life:	156 Weeks
MSL:	1

Specifications

Capacitance:	15 uF
Capacitance Tolerance:	10%
Voltage DC:	25 VDC (85C), 16.75 VDC (125C)
Temperature Range:	-55/+125C
Rated Temperature:	85C
Dissipation Factor:	6.00% 120Hz 20C
Failure Rate:	N/A
Resistance:	1.5 Ohms (100kHz)
Ripple Current:	271 mAmps (100kHz 25C), 243.9 mAmps (85C), 108.4 mAmps (125C)
Leakage Current:	3.8 uA (5min 20C)

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