

T496, Tantalum, MnO2 Tantalum, Fused, 47 uF, 10%, 10 VDC, SMD, MnO2, Molded, Fused, N/A, 400 mOhms, 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	3.1mm 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:	T496
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Fused
Features:	Integral Fuse
RoHS:	No
Prop 65:	<b>WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>
REACH:	SVHC (Pb – CAS 7439-92-1)
Termination:	Solder Coated
Shelf Life:	156 Weeks
MSL:	1

Specifications	
Capacitance:	47 uF
Capacitance Tolerance:	10%
Voltage DC:	10 VDC (85C), 6.7 VDC (125C)
Temperature Range:	-55/+125C
Rated Temperature:	85C
Dissipation Factor:	6.00% 120Hz 20C
Failure Rate:	N/A
Resistance:	400 mOhms (100kHz)
Ripple Current:	524 mAmps (100kHz 25C), 471.6 mAmps (85C), 209.6 mAmps (125C)
Leakage Current:	4.7 uA (5min 20C)

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