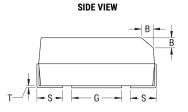


T491C475K016AT

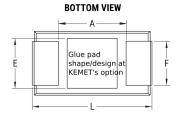
T491, Tantalum, MnO2 Tantalum, 4.7 uF, 10%, 16 VDC, SMD, MnO2, Molded, 2.4 Ohms, 6032, 2.8mm

CATHODE (-) END VIEW W R R H H Termination cutout at KEMET's option, either end



ANODE (+) END VIEW





Click here for the 3D model.

Dimensions	
Footprint	6032
L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
Н	2.5mm +/-0.3mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
Α	2.9mm MIN
В	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
Р	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm REF

Packaging Specifications	
Packaging	T&R, 178mm
Packaging Quantity	500

General Information	
Series	T491
Dielectric	MnO2 Tantalum
Style	SMD Chip
Description	SMD, MnO2, Molded
RoHS	Yes
Termination	Tin
AEC-Q200	No
Typical Component Weight	224.48 mg
Shelf Life	156 Weeks
MSL	1

Specifications	
Specifications	
Capacitance	4.7 uF
Capacitance Tolerance	10%
Voltage DC	16 VDC (85C), 10.72 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	6% 120Hz 25C
Failure Rate	N/A
ESR	2.4 Ohms (100kHz 25C)
Ripple Current	214 mA (rms, 100kHz 25C), 192.6 mA (rms, 85C), 85.6 mA (rms, 125C)
Leakage Current	0.8 uA (5min 25°C)

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