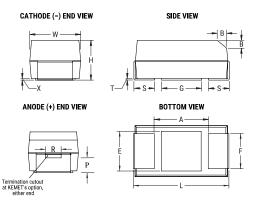
KEMET Part Number: T491C105M050AT



T491, Tantalum, MnO2 Tantalum, 1 uF, 20%, 50 VDC, SMD, MnO2, Molded, 4.8 Ohms, 6032, Height Max = 2.8mm



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
Х	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:	Yes	
Termination:	Tin	
Shelf Life:	156 Weeks	
MSL:	1	

Specifications		
Capacitance:	1 uF	
Capacitance Tolerance:	20%	
Voltage DC:	50 VDC (85C), 33.5 VDC (125C)	
Temperature Range:	-55/+125C	
Rated Temperature:	85°C	
Dissipation Factor:	4.00% 120Hz 20C	
Failure Rate:	N/A	
Resistance:	4.8 Ohms (100kHz)	
Ripple Current:	148 mAmps (100kHz 25C), 133.2 mAmps (85C), 59.2 mAmps (125C)	
Leakage Current:	0.5 uA (5min 20C)	

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