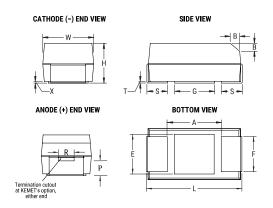
KEMET Part Number: T495C475K025ATE575



T495, Tantalum, MnO2 Tantalum, 4.7 uF, 10%, 25 VDC, SMD, MnO2, Molded, Low ESR, 575 mOhms, 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	
A	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		
Packaging:	T&R, 178mm	
Packaging Quantity:	500	

General Information	
Series:	T495
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, Low ESR
Features:	Low ESR
RoHS:	Yes
Termination:	Tin
AEC-Q200:	No
Component Weight:	224.48 mg
Shelf Life:	156 Weeks
MSL:	1

Specifications		
Capacitance:	4.7 uF	
Capacitance Tolerance:	10%	
Voltage DC:	25 VDC (85C), 16.75 VDC (125C)	
Temperature Range:	-55/+125°C	
Rated Temperature:	85°C	
Dissipation Factor:	6% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	575 mOhms (100kHz 25C)	
Ripple Current:	437 mA (rms, 100kHz 25C), 393.3 mA (rms, 85C), 174.8 mA (rms, 125C)	
Leakage Current:	1.2 uA (5min 25°C)	

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