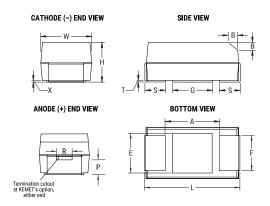
KEMET Part Number: T494C476K010AT



T494, Tantalum, MnO2 Tantalum, 47 uF, 10%, 10 VDC, SMD, MnO2, Molded, Low ESR, 300 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:	T494
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:	47 uF
Capacitance Tolerance:	10%
Voltage DC:	10 VDC (85C), 6.7 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	6% 120Hz 25C
Failure Rate:	N/A
Resistance:	0.3 Ohms (100kHz 25C)
Ripple Current:	606 mA (rms, 100kHz 25C), 545.4 mA (rms, 85C), 242.4 mA (rms, 125C)
Leakage Current:	4.7 uA (5min 25°C)

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