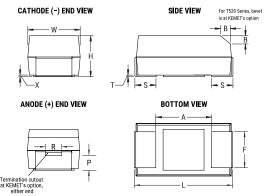
KEMET Part Number: T520C477M2R5ATE045



T520, Tantalum, Polymer Tantalum, 470 uF, 20%, 2.5 VDC, SMD, Polymer, Molded, Low ESR, Non-Combustible, 45 mOhms, 6032, Height Max = 2.8mm



Termination cutout at KEMET's option, either end	L L	
Dimensions		
Footprint	6032	
L	6mm +/-0.3mm	
W	3.2mm +/-0.2mm	
Н	2.5mm +/-0.3mm	
Т	0.13mm REF	
S	1.3mm +/-0.3mm	
F	2.2mm +/-0.1mm	
Α	2.9mm MIN	
		· -

0.5mm +/-0.15mm

0.9mm REF

1mm REF

0.1mm +/-0.1mm

Packaging Specifications		
Weight:	184.14 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	500	

B P

R

Χ

General Information		
Series:	T520	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Molded, Low ESR, Non-Combustible	
Features:	Low ESR	
RoHS:	Yes	
Termination:	Tin	
AEC-Q200:	No	
Shelf Life:	52 Weeks	
MSL:	3	

Specifications		
Capacitance:	470 uF	
Capacitance Tolerance:	20%	
Voltage DC:	2.5 VDC (105C)	
Temperature Range:	-55/+105°C	
Rated Temperature:	105°C	
Humidity:	60C, 90% RH, 500 Hours, No Load	
Dissipation Factor:	8.00% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	45 mOhms (100kHz 25C)	
Ripple Current:	1900 mA (100kHz 45C), 1330 mA (85C), 475 mA (105C)	
Leakage Current:	117.5 uA (5min 25°C)	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

