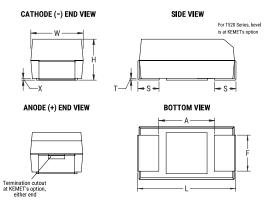
## KEMET Part Number: T520U476M010ATE055



T520, Tantalum, Polymer Tantalum, 47 uF, 20%, 10 VDC, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 55 mOhms, 6032, Height Max = 1.5mm



Dimensions		
Footprint	6032	
L	6mm +/-0.3mm	
W	3.2mm +/-0.3mm	
Н	1.4mm +/-0.1mm	
Т	0.13mm REF	
S	1.3mm +/-0.3mm	
F	2.2mm +/-0.1mm	
A	2.9mm MIN	

Packaging Specifications		
Weight:	117.36 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	1000	

0.05mm REF

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General Information		
Supplier:	KEMET	
Series:	T520	
Dielectric:	Polymer Tantalum	
Style:	SMD Chip	
Description:	SMD, Polymer, Molded, Low Profile/ESR, NonCombustible	
Features:	Low ESR	
RoHS:	Yes	
Termination:	Tin	
Shelf Life:	52 Weeks	
MSL:	3	

Specifications		
Capacitance:	47 uF	
Capacitance Tolerance:	20%	
Voltage DC:	10 VDC (105C)	
Temperature Range:	-55/+105C	
Rated Temperature:	105°C	
Humidity:	60C, 90% RH, 500 Hours, No Load	
Dissipation Factor:	8.00% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	55 mOhms (100kHz 25C)	
Ripple Current:	1600 mA (100kHz 45C), 1120 mA (85C), 400 mA (105C)	
Leakage Current:	47 uA (5min 25C)	

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