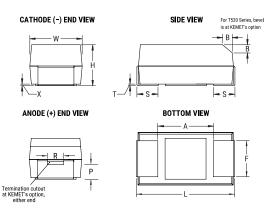
KEMET Part Number: T520C686M010ATE045



T520, Tantalum, Polymer Tantalum, 68 uF, 20%, 10 VDC, SMD, Polymer, Molded, Low ESR, Non-Combustible, 45 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
Α	2.9mm MIN
В	0.5mm +/-0.15mm
Р	0.9mm REF
R	1mm REF
Х	0.1mm +/-0.1mm

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

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

Specifications	
Capacitance:	68 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:	45 mOhms (100kHz 25C)
Ripple Current:	1900 mA (100kHz 45C), 1330 mA (85C), 475 mA (105C)
Leakage Current:	68 uA (5min 25C)

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