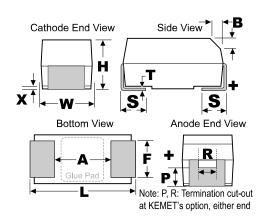
## KEMET Part Number: T520A476M006ATE150



Tantalum, Polymer Tantalum, T520, 47 uF, 20%, 6.3 V, 3216, SMD, Polymer, Molded, Low ESR, Non-Combustible, 150 mOhms, 1.8mm



Dimensions	
Footprint	3216
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
Н	1.6mm +/-0.2mm
Т	0.13mm REF
S	0.8mm +/-0.3mm
F	1.2mm +/-0.1mm
Α	1.2mm MIN
Р	0.4mm REF
R	0.4mm REF
X	0.1mm +/-0.1mm

General Information	
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Series:	T520
Description:	SMD, Polymer, Molded, Low ESR, Non-Combustible
Features:	Low ESR
RoHS:	Yes
Termination:	Tin

Specifications		
Capacitance:	47 uF	
Capacitance Tolerance:	20%	
Voltage DC:	6.3 VDC (105C)	
Temperature Range:	-55/+105C	
Dissipation Factor:	8% 120Hz 25C	
Failure Rate:	N/A	
Resistance:	150 mOhms (100kHz 25C)	
Current:	900 mAmps (100kHz 45C), 630 mAmps (85C), 427.5 mAmps (105C)	
Leakage:	29.6 uAmps (5min 5C)	

Packaging Specifications		
Weight:	53.16 mg	
Packaging:	T&R, 178mm	
Packaging Quantity:	2000	

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