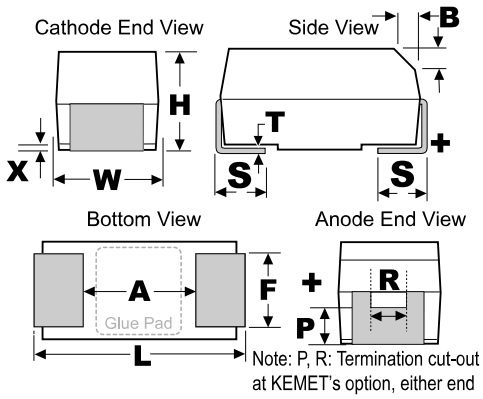
KEMET Part Number: T520A107M006ATE045

T520, Tantalum, Polymer Tantalum, 100 uF, 20%, 6.3 V, SMD, Polymer, Molded, Low ESR, Non-Combustible, 45 mOhms, 3216, Height Max = 1.8mm



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

Dimensions	
Footprint	3216
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
H	1.6mm +/-0.2mm
T	0.13mm REF
S	0.8mm +/-0.3mm
F	1.2mm +/-0.1mm
A	1.2mm MIN
P	0.4mm REF
R	0.4mm REF
X	0.1mm +/-0.1mm

Specifications	
Capacitance:	100 uF
Capacitance Tolerance:	20%
Voltage DC:	6.3 VDC (105C)
Temperature Range:	-55/+105C
Rated Temperature:	105C
Dissipation Factor:	8.00% 120Hz 25C
Failure Rate:	N/A
Resistance:	45 mOhms (100kHz 25C)
Current:	1600 mA (100kHz 45C), 1120 mA (85C), 400 mA (105C)
Leakage Current:	63 uA (5min 25C)

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

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