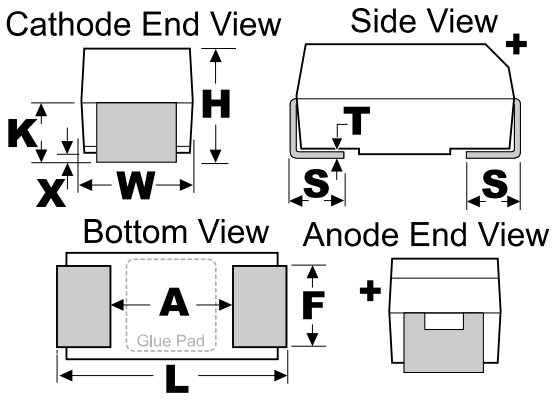
KEMET Part Number: T520L157M006ATE012

Tantalum, Polymer Tantalum, T520, 150 uF, 20%, 6.3 V, 6032, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 12 mOhms, Height Max = 1.9mm



General Information	
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Series:	T520
Description:	SMD, Polymer, Molded, Low Profile/ESR, NonCombustible
Features:	Low ESR
RoHS:	Yes
Termination:	Tin

Dimensions	
Footprint	6032
L	6mm +/-0.3mm
W	3.2mm +/-0.2mm
H	1.8mm +/-0.1mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
A	2.5mm MIN
X	0.05mm REF

Specifications	
Capacitance:	150 uF
Capacitance Tolerance:	20%
Voltage DC:	6.3 VDC (105C)
Temperature Range:	-55/+105C
Dissipation Factor:	8% 120Hz 25C
Failure Rate:	N/A
Resistance:	12 mOhms (100kHz 25C)
Current:	3500 mAmps (100kHz 45C), 2450 mAmps (85C), 875 mAmps (105C)
Leakage Current:	94.5 uA (5min 25C)

Packaging Specifications	
Weight:	186.68 mg
Packaging:	T&R, 178mm
Packaging Quantity:	1000

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