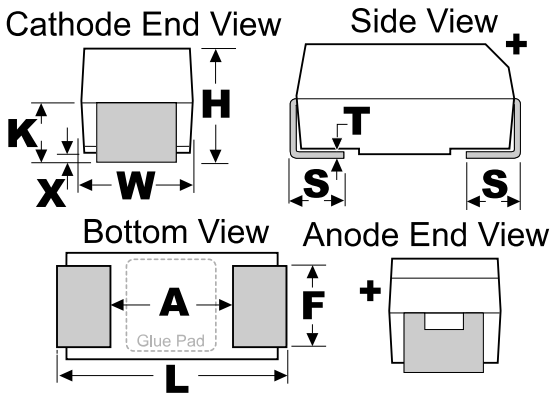
KEMET Part Number: T520T476M004ATE070

Tantalum, Polymer Tantalum, T520, 47 uF, 20%, 4 V, 3528, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 70 mOhms, Height Max = 1.2mm



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	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.1mm +/-0.1mm
T	0.13mm REF
S	0.8mm +/-0.3mm
F	2.2mm +/-0.1mm
A	1.9mm MIN
X	0.05mm REF

Specifications	
Capacitance:	47 uF
Capacitance Tolerance:	20%
Voltage DC:	4 VDC (105C)
Temperature Range:	-55/+105C
Dissipation Factor:	8% 120Hz 25C
Failure Rate:	N/A
Resistance:	70 mOhms (100kHz 25C)
Current:	1200 mAmps (100kHz 45C), 840 mAmps (85C), 300 mAmps (105C)
Leakage Current:	18.8 uA (5min 25C)

Packaging Specifications	
Weight:	54.84 mg
Packaging:	T&R, 178mm
Packaging Quantity:	2500

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