

Tantalum, Polymer Tantalum, T520, 47 uF, 20%, 8 V, 3528, SMD, Polymer, Molded, Low ESR, Non-Combustible, 70 mOhms, Height Max = 2.1mm



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

Dimensions	
Footprint	3528
L	3.5mm +/-0.2mm
W	2.8mm +/-0.2mm
H	1.9mm +/-0.2mm
T	0.13mm REF
S	0.8mm +/-0.3mm
F	2.2mm +/-0.1mm
A	1.9mm MIN
B	0.4mm +/-0.15mm
P	0.5mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Specifications	
Capacitance:	47 uF
Capacitance Tolerance:	20%
Voltage DC:	8 VDC (105C)
Temperature Range:	-55/+105C
Dissipation Factor:	8% 120Hz 25C
Failure Rate:	N/A
Resistance:	70 mOhms (100kHz 25C)
Current:	1300 mAmps (100kHz 45C), 910 mAmps (85C), 325 mAmps (105C)
Leakage Current:	37.6 uA (5min 25C)

Packaging Specifications	
Weight:	94.85 mg
Packaging:	T&R, 178mm
Packaging Quantity:	2000

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