

Tantalum, Polymer Tantalum, T520, 100 uF, 20%, 6.3 V, 3528, SMD, Polymer, Molded, Low ESR, Non-Combustible, 40 mOhms, Height Max = 2.1mm



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

Packaging Specifications

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

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:	100 uF
Capacitance Tolerance:	20%
Voltage DC:	6.3 VDC (105C)
Temperature Range:	-55/+105C
Dissipation Factor:	8% 120Hz 25C
Failure Rate:	N/A
Resistance:	40 mOhms (100kHz 25C)
Current:	1800 mAmps (100kHz 45C), 1260 mAmps (85C), 450 mAmps (105C)
Leakage Current:	63 uA (5min 25C)