

Tantalum, Polymer Tantalum, T520, 100 uF, 20%, 6.3 V, 6032, SMD, Polymer, Molded, Low ESR, Non-Combustible, 45 mOhms, Height Max = 2.8mm



Dimensions

Footprint		6032
L		6mm +/-0.3mm
W		3.2mm +/-0.3mm
H		2.5mm +/-0.3mm
T		0.13mm REF
S		1.3mm +/-0.3mm
F		2.2mm +/-0.1mm
A		2.9mm MIN
B		0.5mm +/-0.15mm
P		0.9mm REF
R		1mm REF
X		0.1mm +/-0.1mm

Packaging Specifications

Weight:	184.14 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

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:	45 mOhms (100kHz 25C)
Current:	1900 mAmps (100kHz 45C), 1330 mAmps (85C), 475 mAmps (105C)
Leakage Current:	63 uA (5min 25C)