

Tantalum, Polymer Tantalum, T520, 150 uF, 20%, 10 V, 6032, SMD, Polymer, Molded, Low ESR, Non-Combustible, 55 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**

<b>Weight:</b>	184.14 mg
<b>Packaging:</b>	T&R, 178mm
<b>Packaging Quantity:</b>	500

**General Information**

<b>Dielectric:</b>	Polymer Tantalum
<b>Style:</b>	SMD Chip
<b>Series:</b>	T520
<b>Description:</b>	SMD, Polymer, Molded, Low ESR, Non-Combustible
<b>Features:</b>	Low ESR
<b>RoHS:</b>	Yes
<b>Termination:</b>	Tin

**Specifications**

<b>Capacitance:</b>	150 uF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage DC:</b>	10 VDC (105C)
<b>Temperature Range:</b>	-55/+105C
<b>Dissipation Factor:</b>	8% 120Hz 25C
<b>Failure Rate:</b>	N/A
<b>Resistance:</b>	55 mOhms (100kHz 25C)
<b>Current:</b>	1700 mAmps (100kHz 45C), 1190 mAmps (85C), 425 mAmps (105C)
<b>Leakage Current:</b>	150 uA (5min 25C)