

T520, Tantalum, Polymer Tantalum, 150 uF, 20%, 4 VDC, SMD, Polymer, Molded, Low ESR, Non-Combustible, 25 mOhms, 6032, Height Max = 2.8mm



### Dimensions

Footprint	6032
L	6mm +/-0.3mm
W	3.2mm +/-0.2mm
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

Series:	T520
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Description:	SMD, Polymer, Molded, Low ESR, Non-Combustible
Features:	Low ESR
RoHS:	No
Prop 65:	<b>WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>
REACH:	SVHC (Pb - CAS 7439-92-1)
Termination:	Solder Coated
AEC-Q200:	No
Shelf Life:	52 Weeks
MSL:	3

### Specifications

Capacitance:	150 uF
Capacitance Tolerance:	20%
Voltage DC:	4 VDC (105C)
Temperature Range:	-55/+105°C
Rated Temperature:	105°C
Humidity:	60C, 90% RH, 500 Hours, No Load
Dissipation Factor:	8% 120Hz 25C
Failure Rate:	N/A
Resistance:	25 mOhms (100kHz 25C)
Ripple Current:	2600 mA (rms, 100kHz 45C), 1820 mA (rms, 85C), 650 mA (rms, 105C)
Leakage Current:	60 uA (5min 25°C)