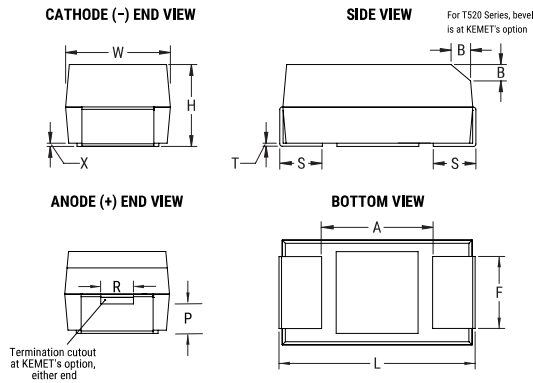


T520, Tantalum, Polymer Tantalum, 82 uF, 20%, 8 VDC, SMD, Polymer, Molded, Low ESR, Non-Combustible, 45 mOhms, 6032, Height Max = 2.8mm



General Information	
Series:	T520
Dielectric:	Polymer Tantalum
Style:	SMD Chip
Description:	SMD, Polymer, Molded, Low ESR, Non-Combustible
Features:	Low ESR
RoHS:	Yes
Termination:	Tin
AEC-Q200:	No
Shelf Life:	52 Weeks
MSL:	3

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

Specifications	
Capacitance:	82 uF
Capacitance Tolerance:	20%
Voltage DC:	8 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:	45 mOhms (100kHz 25C)
Ripple Current:	1900 mA (rms, 100kHz 45C), 1330 mA (rms, 85C), 475 mA (rms, 105C)
Leakage Current:	65.6 uA (5min 25°C)

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

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