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### General Information

Series	T520
Dielectric	Polymer Tantalum
Style	SMD Chip
Description	SMD, Polymer, Molded, Low Profile/ESR, NonCombustible
Features	Low ESR
RoHS	Yes
Termination	Tin
Typical Component Weight	186.68 mg
Shelf Life	52 Weeks
MSL	3

### Dimensions

L	6mm +/-0.3mm
W	3.2mm +/-0.2mm
H	1.8mm +/-0.1mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
A	2.5mm MIN
X	0.05mm REF

### Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	1000

### Specifications

Capacitance	220 uF
Tolerance	20%
Voltage DC	4 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	105°C
Life	2000 Hrs (105C)
Humidity	60C, 90% RH, 500 Hours, No Load
Dissipation Factor	8% 120Hz 25C
Failure Rate	N/A
ESR	12 mOhms (100kHz 25C)
Ripple Current	3500 mA (rms, 100kHz 45C), 2450 mA (rms, 85C), 875 mA (rms, 105C)
Leakage Current	88 uA (5min 25°C)

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