

T520H827M010AHE070

T520, Tantalum, Polymer Tantalum, Commercial Grade, 820 uF, 20%, 10 VDC, SMD, Polymer, Molded, Low Profile/ESR, NonCombustible, 70 mOhms, 2 mm, 2824 / 7360



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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	No
Prop 65	WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/
SCIP Number	b064b03e-bd75-42af-b342-1fe94dec2340
Termination	Tin Lead (SnPb)
Typical Component Weight	384.64 mg
Shelf Life	52 Weeks
MSL	3

Dimensions

L	7.3mm +/-0.3mm
W	6mm +/-0.3mm
H	1.9mm +/-0.1mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	4.1mm +/-0.1mm
A	3.3mm MIN
X	0.1mm +/-0.1mm REF

Packaging Specifications

Packaging	T&R, 178mm
Packaging Quantity	1000

Specifications

Capacitance	820 uF
Tolerance	20%
Voltage DC	10 VDC (85C)
Temperature Range	-55/+85°C
Rated Temperature	85°C
Life	2000 Hrs (85C)
Humidity	60C, 90% RH, 500 Hours, No Load
Dissipation Factor	20% 120Hz 25C
Failure Rate	N/A
ESR	70 mOhms (100kHz 25C)
Ripple Current	1630 mA (rms, 100kHz 45C), 1141 mA (rms, 85C)
Leakage Current	820 uA (5min 25°C)

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