

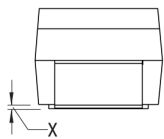
**CATHODE (-) END VIEW**



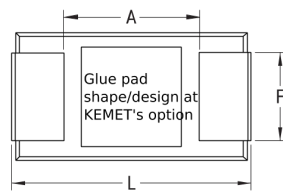
**SIDE VIEW**



**ANODE (+) END VIEW**



**BOTTOM VIEW**



Click [here](#) for the 3D model.

**Dimensions**

Footprint	7360
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

**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
AEC-Q200	No
Typical Component Weight	384.64 mg
Shelf Life	52 Weeks
MSL	3

**Specifications**

Capacitance	820 uF
Capacitance 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	10% 120Hz 25C
Failure Rate	N/A
ESR	55 mOhms (100kHz 25C)
Ripple Current	1800 mA (rms, 100kHz 45C), 1337 mA (rms, 85C)
Leakage Current	820 uA (5min 25°C)