

**BOTTOM VIEW**



**CATHODE (-) END VIEW**



**SIDE VIEW**

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

**General Information**

Series	T555
Dielectric	Polymer Tantalum
Style	SMD Chip
RoHS	No
Prop 65	<b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a>
SCIP Number	fa70b84a-ebdb-4f97-bf07-19fe562c6755
Termination	Solder Coated
Typical Component Weight	5.54 g
Shelf Life	156 Weeks

**Specifications**

Capacitance	120 uF
Tolerance	20%
Voltage DC	40 VDC, 31.2 VDC (105°C), 46 VDC (85°C)
Temperature Range	-55/+105°C
Rated Temperature	85°C
Life	2000 Hrs
Dissipation Factor	6% (120Hz 25C)
Failure Rate	N/A
ESR	170 mOhm (100kHz 25C)
Ripple Current	1270 mAmps (40kHz 85C)
Leakage Current	36 uA (5min 25°C)
Testing and Reliability	25C +/-5C, 10 cycles, after constant voltage conditioning (KEMET standard)

**Dimensions**

L	24.5mm +/-0.5mm
W	8.5mm +/-0.5mm
H	9.1mm +/-0.5mm
S	3mm +/-0.3mm
F	4.2mm +/-0.5mm

**Packaging Specifications**

Packaging	Bulk, Box
Packaging Quantity	100

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