

**BOTTOM VIEW**



**CATHODE (-) END VIEW**



**SIDE VIEW**

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

**General Information**

Series	T556
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	40 uF
Tolerance	20%
Voltage DC	30 VDC, 23.4 VDC (105°C), 19.8 VDC (125°C)
Temperature Range	-55/ +125°C
Life	2000 Hrs
Dissipation Factor	5% (120Hz 25C)
Failure Rate	N/A
ESR	170 mOhm (100kHz 25C)
Ripple Current	1275 mAmps (40kHz 85C)
Leakage Current	9 uA (5min 25°C)

**Dimensions**

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

**Packaging Specifications**

Packaging	Bulk, Box
Packaging Quantity	100

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