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General Information

Series	M550
Dielectric	Polymer Tantalum
Style	Radial Assemblies
RoHS	No
Prop 65	WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/
SCIP Number	441fbce9-6dc4-49da-8210-2995ec628fa8
Termination	Lead (SnPb)
Lead	2 Tabs
Typical Component Weight	3.63 g
Notes	H1: 4.5 +/-0.1, W1: 3.2 +/-0.1. H2: 8.2 +/-0.1, W2: 4.4 +/-0.1. d: 3.2 Ref.

Dimensions

L	52.1mm +/-0.38mm
W	50.6mm +/-0.38mm
H	11.1mm +/-0.2mm
S	12.71mm REF
LL	5.6mm +/-0.1mm
F	0.81mm REF

Packaging Specifications

Packaging	Tray
Packaging Quantity	20

Specifications

Capacitance	6,800 uF
Tolerance	10%
Voltage DC	8 VDC (85C), 6.24 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	85°C
Life	2000 Hrs
Dissipation Factor	5% (120Hz 25C)
ESR	15 mOhm (100kHz 25C)
Ripple Current	17500 mAmps (40kHz 85C)
Leakage Current	408 uA (5min 25°C)

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