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General Information

Series	M550
Dielectric	Polymer Tantalum
Style	Radial Assemblies
RoHS	No
Prop 65	⚠ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov
SCIP Number	8b430e84-8feb-46bc-8c0d-a977d5600db2
Termination	Silver
Lead	2 Tabs
AEC-Q200	No
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.

Specifications

Capacitance	500 uF
Capacitance Tolerance	20%
Voltage DC	60 VDC (85C), 46.8 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	85°C
Life	2000 Hrs
Dissipation Factor	5% (120Hz 25C)
Resistance	50 mOhm (100kHz 25C)
Ripple Current	8300 mAmps (40kHz 85C)
Leakage Current	225 uA (5min 25°C)

Dimensions

L	48.4mm +/-0.38mm
W	28.2mm +/-0.38mm
H	11.1mm +/-0.2mm
S	11.5mm REF
LL	3.2mm +/-0.1mm
F	0.81mm REF

Packaging Specifications

Packaging	Tray
Packaging Quantity	20