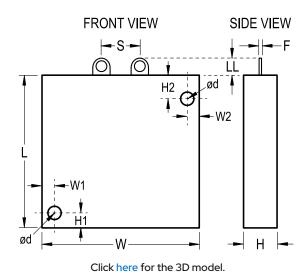




M550, Tantalum, Polymer Tantalum, HRA, 600 uF, 20%, 50 VDC, 30 mOhms, 11.5 mm



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	8b430e84-8feb-46bc-8c0d-a 977d5600db2
Termination	Silver
Lead	2 Tabs
AEC-Q200	No
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	48.4mm +/-0.38mm
W	28.2mm +/-0.38mm
Н	11.1mm +/-0.2mm
S	11.5mm REF
LL	3.2mm +/-0.1mm
F	0.81mm REF

Packaging Specifications		
Packaging	Tray	
Packaging Quantity	20	

Specifications	
Capacitance	600 uF
Tolerance	20%
Voltage DC	50 VDC (85C), 39 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	85°C
Life	2000 Hrs
Dissipation Factor	5% (120Hz 25C)
ESR	30 mOhm (100kHz 25C)
Ripple Current	8750 mAmps (40kHz 85C)
Leakage Current	225 uA (5min 25°C)

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

Generated 08/21/2025 © 2006 - 2025 YAGEO