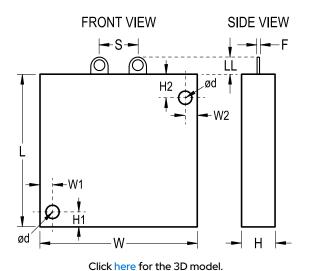
M551B507K025AS

M551, Tantalum, Polymer Tantalum, HRA, 500 uF, 10%, 25 VDC, 60 mOhms





General Information	
Series	M551
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-8210-2995e
Termination	Lead (SnPb)
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

LL	3.2mm +/-0.imm
F	0.81mm REF
Packaging Specifications	
Packaging	Tray
Packaging Quantity	20

Specifications	
Capacitance	500 uF
Capacitance Tolerance	10%
Voltage DC	25 VDC (85C), 16.5 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	85°C
Life	2000 Hrs
Dissipation Factor	5% (120Hz 25C)
ESR	60 mOhm (100kHz 25C)
Ripple Current	6000 mAmps (40kHz 85C)
Leakage Current	94 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.

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