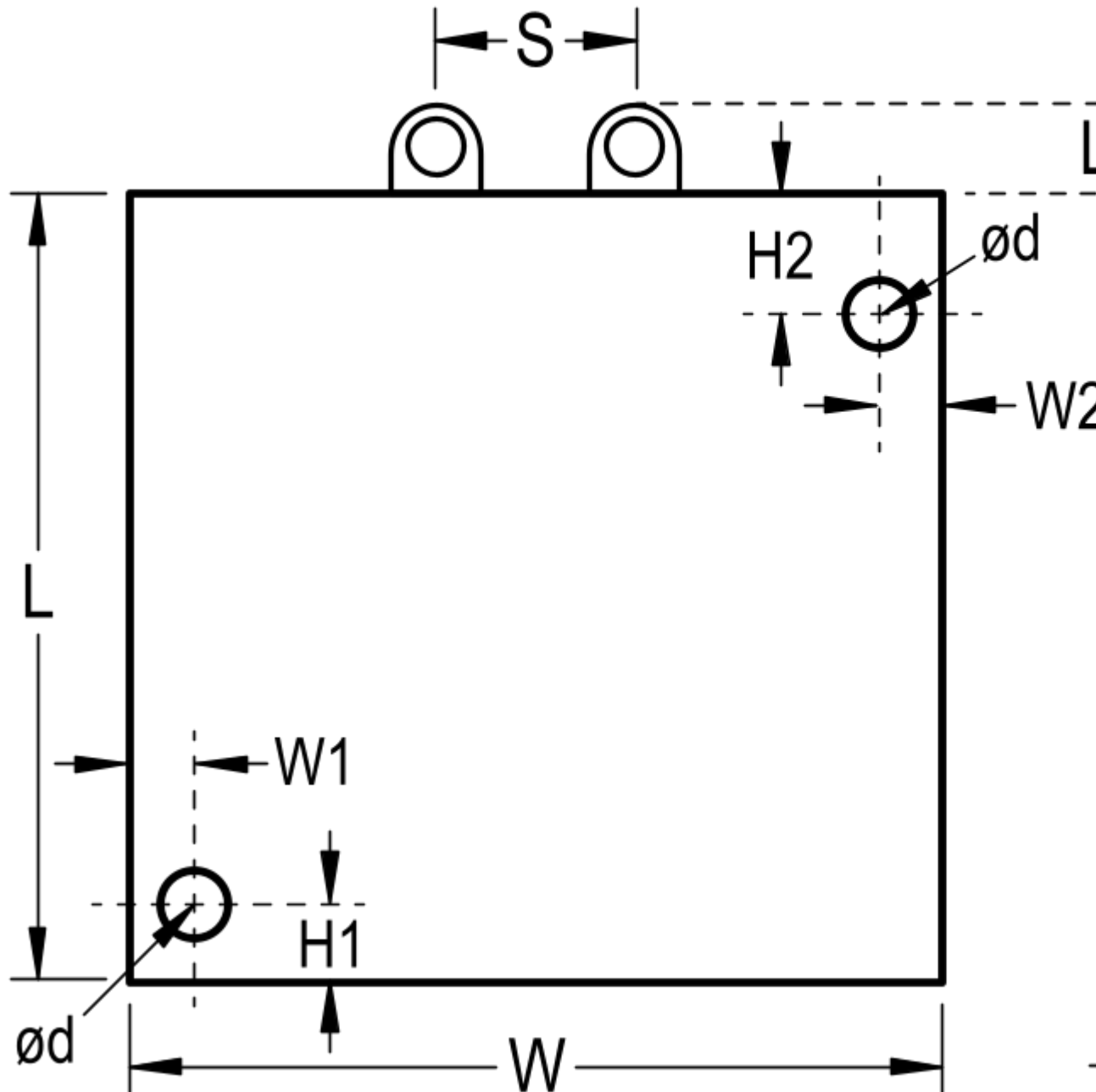


M551B507M040AH

M551, Tantalum, Polymer Tantalum, HRA, 500 uF, 20%, 40 VDC, 50 mOhms

FRONT VIEW



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

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

Dimensions

F 0.81mm REF

Packaging Specifications

Packaging Tray

Packaging Quantity 20

General Information

Series M551

Dielectric Polymer Tantalum

Style Radial Assemblies

RoHS No

Prop 65 **WARNING:** Cancer and reproductive harm -
<http://www.p65warnings.ca.gov>.

SCIP Number f7bc2324-2981-434d-b68c-75de0a298eb6

Termination Lead (SnPb)

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 40 VDC (85C), 26.4 VDC (125C)

Temperature Range -55/+125°C

Rated Temperature 85°C

Life 2000 Hrs

Dissipation Factor 5% (120Hz 25C)

Resistance 50 mOhm (100kHz 25C)

Ripple Current 6750 mAmps (40kHz 85C)

Leakage Current 150 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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