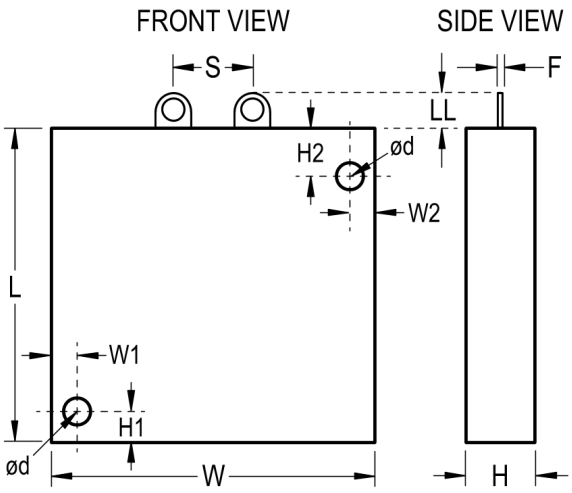
M550B187M135AT

M550, Tantalum, Polymer Tantalum, HRA, 180 uF, 20%, 135 VDC, 50 mOhms



Click here for the 3D model.

Dimensions	
L	52.1mm +/-0.38mm
W	50.6mm +/-0.38mm
H	11.1mm +/-0.2mm
S	21mm REF
LL	5.6mm +/-0.1mm
F	0.81mm REF

Packaging Specifications	
Packaging	Tray
Packaging Quantity	20

General Information	
Series	M550
Dielectric	Polymer Tantalum
Style	Radial Assemblies
RoHS	No
SCIP Number	2fa27a89-1f35-4558-a939-aee1c44dfd95
Termination	Tin
Lead	2 Tabs
AEC-Q200	No
Typical Component Weight	3.63 g
Notes	S2: 7.5 Ref, C: 5.34 Ref, H1: 4.5 +/-0.1, W1: 3.2 +/-0.1. H2: 8.2 +/-0.1, W2: 4.4 +/-0.1. F2: 3.7 Ref, d: 3.2 Ref.

Specifications	
Capacitance	180 uF
Capacitance Tolerance	20%
Voltage DC	135 VDC (85C), 105.3 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	85°C
Life	2000 Hrs
Dissipation Factor	5% (120Hz 25C)
ESR	50 mOhm (100kHz 25C)
Ripple Current	8300 mAmps (40kHz 85C)
Leakage Current	302 uA (5min 25°C)

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