

High-Power CW Amplifier L0618-50-T523



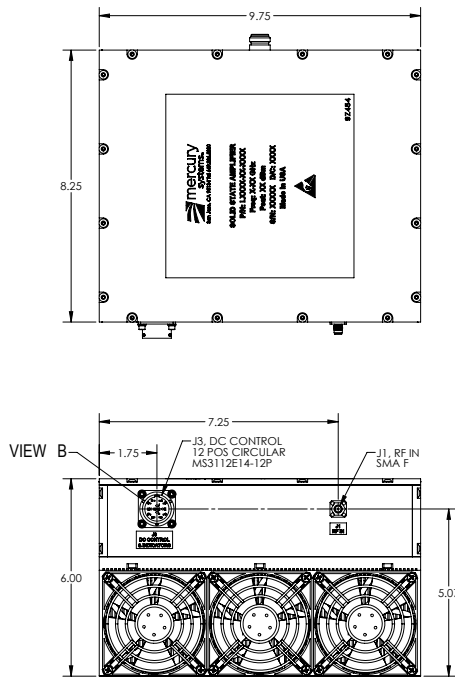
Specifications are subject to change without notice

Specifications

Parameter	Value
Frequency Range	6.0 to 18.0 GHz
Saturated Output Power	50 dBm typ @ 25 °C; 49.5 dBm min
Small Signal Gain	55 dB minimum
Gain Flatness	± 5.0 dB typical
Harmonics	-4 dBc typical
AM/PM Conversion	6 degrees/dB typical
Noise Power Density	-90 dBm/Hz typical
Input/Output VSWR	2 : 1 typical
Spurious	-45 dBc typical
Fault Indications	Over Temperature, Reverse Power

Parameter	Value
Indications	Standby & Operate
Commands	Operate & Fault Override
Power Supply	+32 to +36 V DC at 1 kW typical
DC/Control Interface	12 pin miniature cylindrical connector
RF Connectors	SMA Female Input, N-type Female Output
Operating Temperature	-20 to +50 °C base plate
Outline Dimensions	9.75" x 8.25" x 6.0"
Environment	Shock/Vibration MIL-STD-810F Environmentally Sealed

Outline Drawing



All dimensions are in inches

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