



Dynamic Engineers Inc.

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SSPA240160CQ-8GHz-12GHz-A

8-12GHz 100W High Power Amplifier Module

Features and Benefits

Frequency Range: 8-12GHz

Gain: +50dB Min.

Output Power: 100W Min.

Operation Temperature: -20°C--+50°C

Size: 240x160x30mm

Typical Applications

Microwave Radio

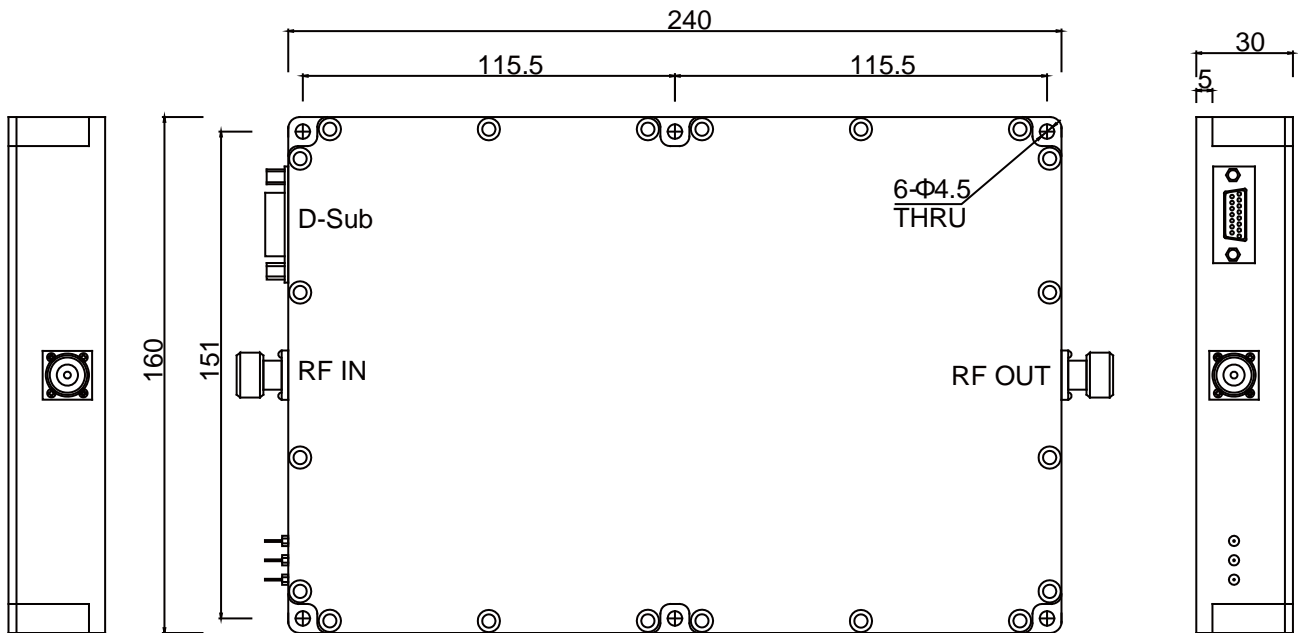
VSAT

Test Instrumentation

Fiber Optics

Mechanical Drawing & Pin Connections

Drawing No: MD230013-1



Unit in mm
1mm = 0.0394 inches



Specifications@25°C

Parameter	Condition	Min.	Typical	Max.	Units
Frequency range		8		12	GHz
RF Output Power		100			W
Gain		50			dB
Gain Flatness			±2		dB
VSWR input				1.5	
VSWR output				2	
Spurious				-60	dBc
Harmonic			-15		dBc
Impedance			50		ohm
Voltage			+28		V
Current			14		A
Operation Temperature Range		-20		+50	°C
Storage Temperature Range		-45		+85	°C
Relative humidity (non-condensing)			95		%
Dimension		240x160x30 mm			
Weight		2Kg			
RF Connectors		N-F			

Note: Air forced cool