

Power Amplifier

DM-HPC-30-103-S



Specifications are subject to change without notice

Electrical Specifications (+25°C)

Parameter	Value
Frequency	3.7 to 4.2 GHz
Small Signal Gain	40 dB min
Gain Flatness over freq.	±0.5 dB max
Output Power P3dB	45 dBm min (32W min)
VSWR (In/Out)	1.5:1 max
AM-PM Conversion	5°/dB max
Spurious	-70 dBc max
Input Power Handling	+10 dBm max
Voltage	22 to 37 VDC
DC Power Consumption	135W max – On Mode; 5W max – Off Mode
Operation	CW

Mechanical Specifications

Parameter	Value
Size (L x W x H)	5.5" x 5.25" x 2" inches
Weight	2.5 lbs.
RF Connectors	SMA (f)
DC Connector	25-pin D-sub
Finish	Black Paint

Features

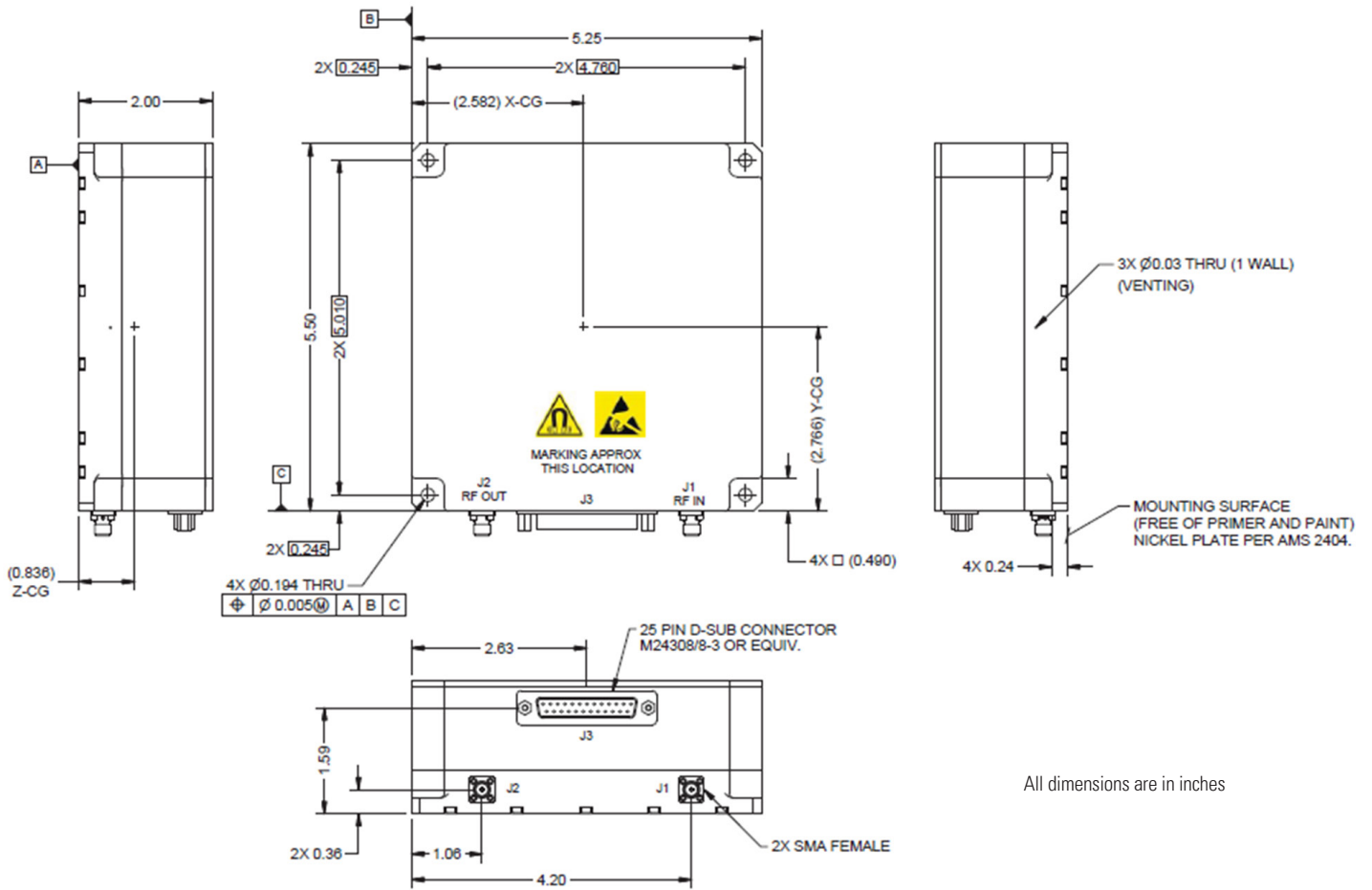
DC-DC Converter Included
 EMI Filter Included
 DC On/Off TTL Logic-Low "0V": ON;
 High "5V": Off
 Output Mismatch Handling Open/Short
 Over-Temp Shutdown set at +75°C
 Over-Current Shutdown Included
 ALC Optional

Environmental Specifications (by design)

Parameter	Value
Operating Temperature	-20 to +60°C
Relative humidity	up to 75% (non-condensing)
Vibration	9.8 Grms



Outline Drawing



All dimensions are in inches

Need More Help? Need a Variant of This Product?

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