

JS Microwave JSH060180G5047 6-18 GHz 50W Technology & Solution SOLID STATE HIGH POWER AMPLIFIER

FEATURES

- Wide Bandwidth
- Low Power Consumption
- Low Noise Figure
- Miniature Sizes, Field Removable connector
- Compact/Rugged Thin-Film Construction

APPLICATIONS

- Microwave Radio & VSAT
- Military & Space
- Test Instrumentation
- Fiber Optics



ELECTRICAL SPECIFICATIONS@25°C:

Parameter	Min	Typical	Max	Units
Frequency Range	6		18	GHz
Power Gain @Pout=47dBm	50			dB
Power Gain Flatness@Pout=47dBm			±4	dB
Output Power (Psat)	47			dBm
Psat Output Power Flatness			±1.5	dB
Spurious@Pout=47dBm	-60			dBc
Harmonics			-10	dBc
Input VSWR			2:1	Ratio
DC Power Supply		28		Volt
Current		12		A

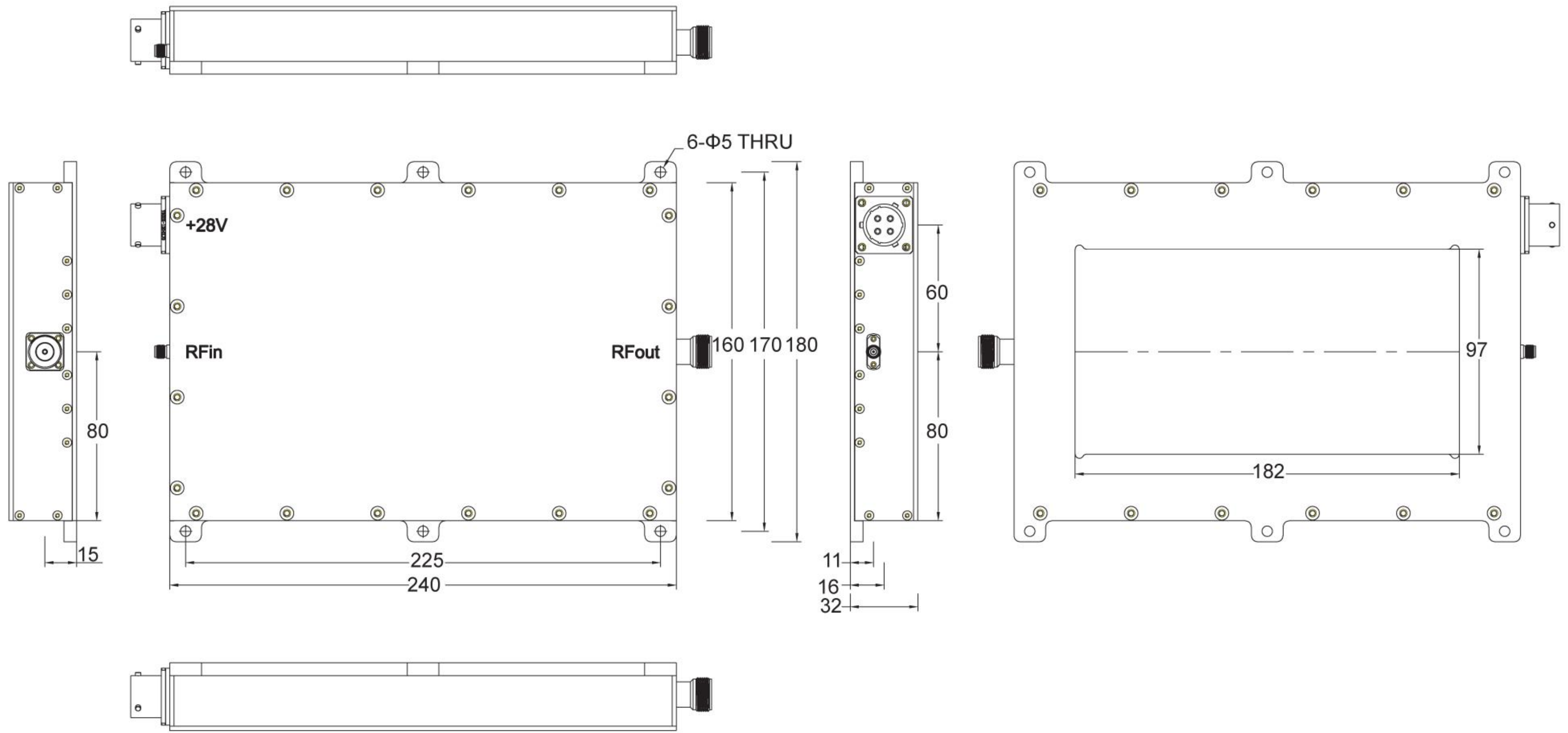
ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Max Input power			+10	dBm
Operating Temperature	-20		+50	°C
Non-operating Temperature	-40		+85	°C
Relative humidity (non-condensing)		95		%
Altitude		TBD		feet
Shock / Vibration		TBD		

MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	240*180*32		Milimeter
Weight	1		Kg
RF Connectors Input	SMA-F		
RF Connectors output	SMA-F		
Impedance	50		ohms

OUTLINE DRAWING(inch):



PM108