

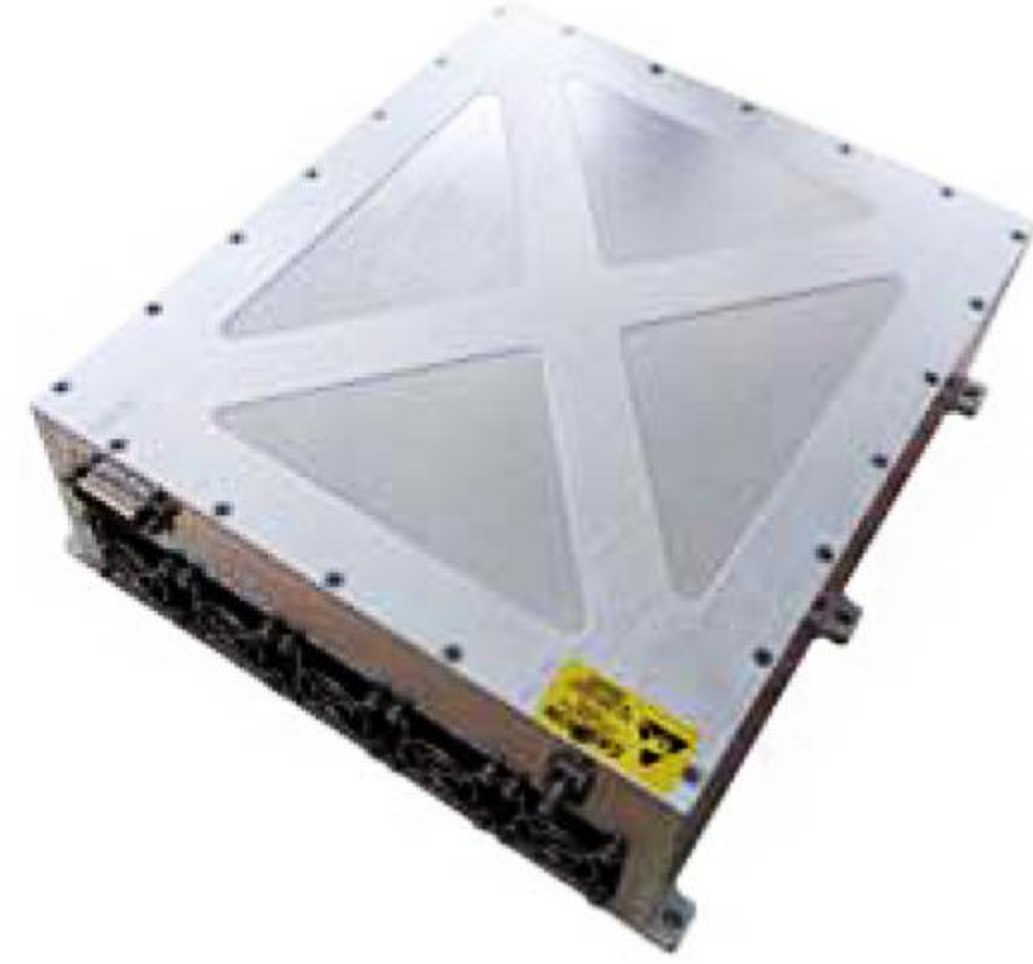
# JS Microwave JSH060180G4747 6-18 GHz 50W Technology & Solution SOLID STATE HIGH POWER AMPLIFIER

## 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
Small Signal Gain		47		dB
Power Gain Flatness		±3		dB
Output Power	50			Watt
Spurious		-55		dBc
Harmonics				dBc
VSWR Input			2:1	Ratio
DC Power Supply		+28		Volt
Current		10		A

Note:with heatsink available.

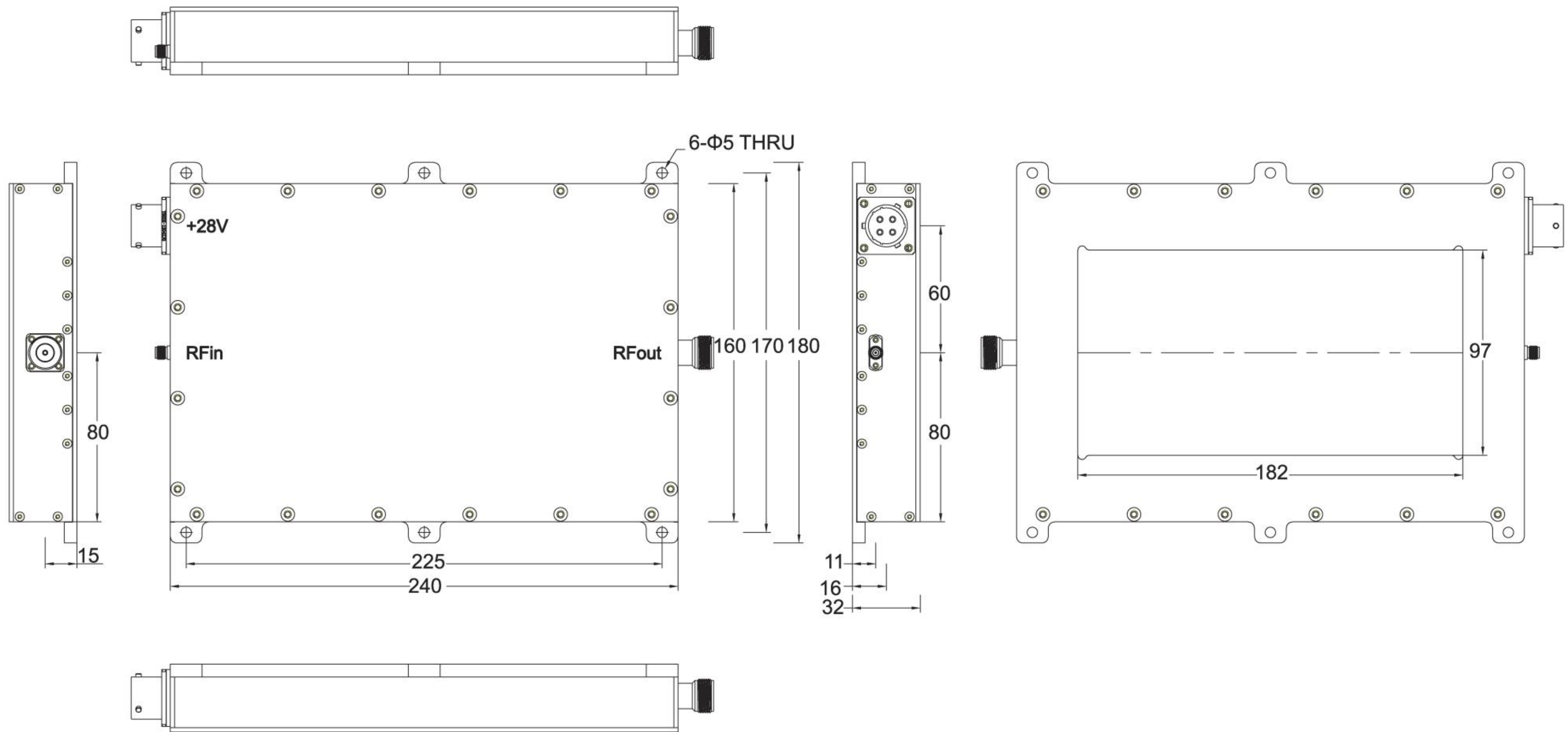
## ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Max Input power				dBm
Operating Temperature	-40		+55	°C
Non-operating Temperature	-55		+75	°C
Relative humidity (non-condensing)		95		%
Altitude (MIL-STD-810F)		TBD		feet
Shock / Vibration (MIL-STD-810F)		TBD		

## MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	240*180*32	Max	Milimeter
Weight	7.5	Typ	Kg
RF Connectors Input	SMA-F		
RF Connectors output	N-F		
Impedance	50		ohms

**OUTLINE DRAWING(mm):**



**PM108**