

FEATURES

- Wide Bandwidth
- Low Power Consumption
- Low Noise Figure
- Miniature Sizes for drop-In Assembly
- Hermetically Sealed Package for Military Application

APPLICATIONS

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



ELECTRICAL SPECIFICATIONS@25°C:

Parameter	Min	Typical	Max	Units
Frequency Range	6		18	GHz
Gain	43			dB
Flatness			± 2.5	dB
Output Power Psat		8	10	Watt
O IP3	45			dBm
Noise Figure			10	dB
VSWR			2.2:1	Ratio
DC Power Supply		8		Volt
Current			8	A

Note:NF < 10 GHz < 7dB.

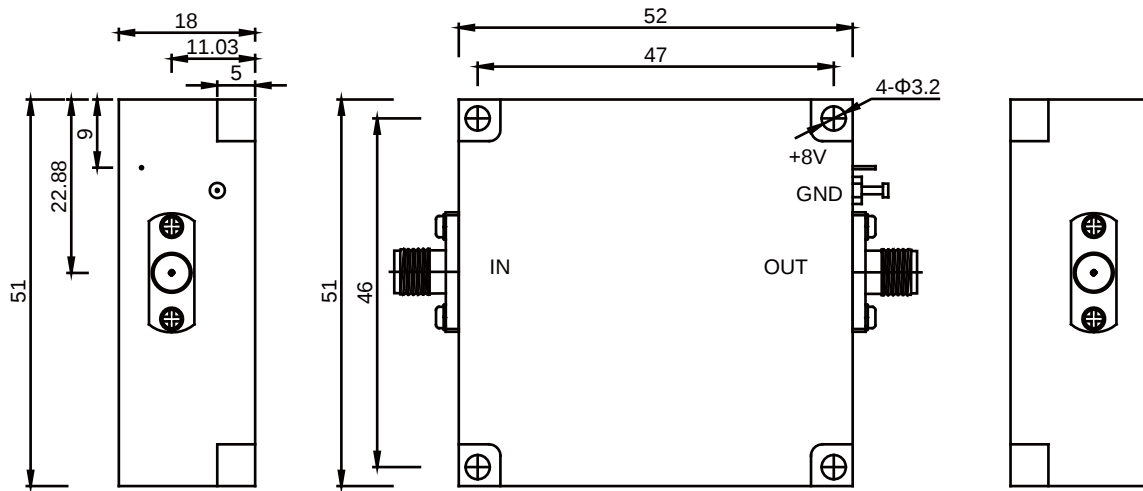
ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Max Input power			+25	dBm
Operating Temperature	-10		+50	°C
Non-operating Temperature	-65		+125	°C
Relative humidity (non-condensing)		95		%
Altitude (MIL-STD-810F)	10000		30000	feet
Shock / Vibration (MIL-STD-810F)		Airbone		

MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	52*51*18	Max	Millimeter
Weight	200	Max	gram
RF Connectors Input	SMA-F		
RF Connectors output	SMA-F		
Impedance	50		ohms

OUTLINE DRAWING(mm):



PM8