



LIMITER+NARROW BAND LOW NOISE AMPLIFIER

MNL057069G2345L02

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	5.7		6.9	GHz
Small Signal Gain	23		35	dB
Small Signal Gain Flatness			±0.5	dB
Noise Figure			4.5	dB
Output Power 1dB compression	10			dBm
IP3				dBm
VSWR Input/output			1.5:1	Ratio
Power handing(CW)			2	watt
Power handing peak			200	watt
Pulse width		1		us
Duty cycle		1		%
DC Power Supply		12		Volt
Current		120		mA

ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Max Input power			2	Watt
Operating Temperature	-40		+85	°C
Non-operating Temperature	-55		+125	°C
Relative humidity (non-condensing)		95		%
Altitude (MIL-STD-810F)	10000		30000	feet
Shock / Vibration (MIL-STD-810F)		Airbone		

MECHANICAL SPECIFICATIONS:

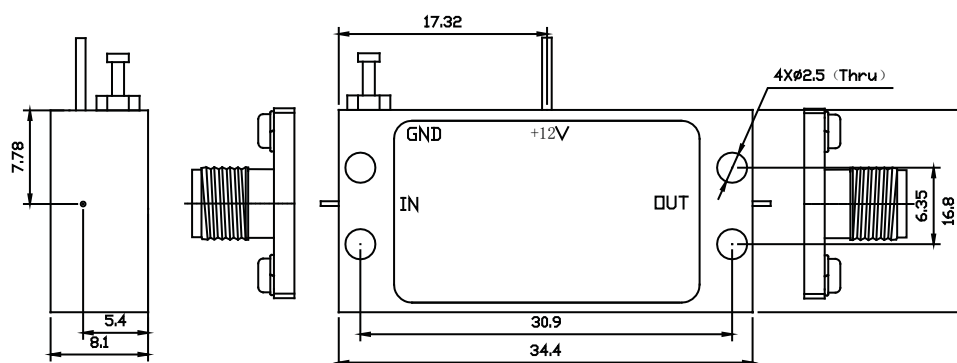
Parameter	Value	Limits	Units
Dimensions	34.4*16.8*8.1	Max	Millimeter
Weight	50	Max	gram
RF Connectors Input	SMA-F		
RF Connectors output	SMA-F		
Impedance	50		ohms



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OUTLINE DRAWING(mm):



BH2