

Product: Low noise amplifier

Part Number: LNA-0.01/43-35



Specification					
No.	Parameter	Minimum	Typical	Maximum	Units
1	Frequency range	0.01	-	43	GHz
2	Gain	35	38		dB
4	Gain Flatness		± 3.0		db
5	Noise Figure		4.5	6.5 (1-40G)	dB
6	P1dB Output Power	13			dBm
7	Psat Output Power	15			dBm
8	VSWR		2.0		-
9	Supply Voltage			+12	V
10	DC Current		350		mA
11	Input Max Power(No damage)			10	dBm
12	Connector	2.92-F			
13	Impedance		50		Ω
14	Operational Temperature	-40°C ~ +70°C			
15	Weight	50G			
16	Preferred finish colour	Gold-plated copper			

Environmental Specifications	
Operational Temperature	-40°C ~ +70°C
Storage Temperature	-55°C ~ +85°C
Vibration	25gRMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35°C, 95%RH at 40°C
Shock	20G for 11msec half sine wave, 3 axis both directions
Mechanical Specifications	
Housing	Copper
Connector	stainless steel
Female Contact:	gold plated beryllium brass
Rohs	compliant
Weight	0.15kg

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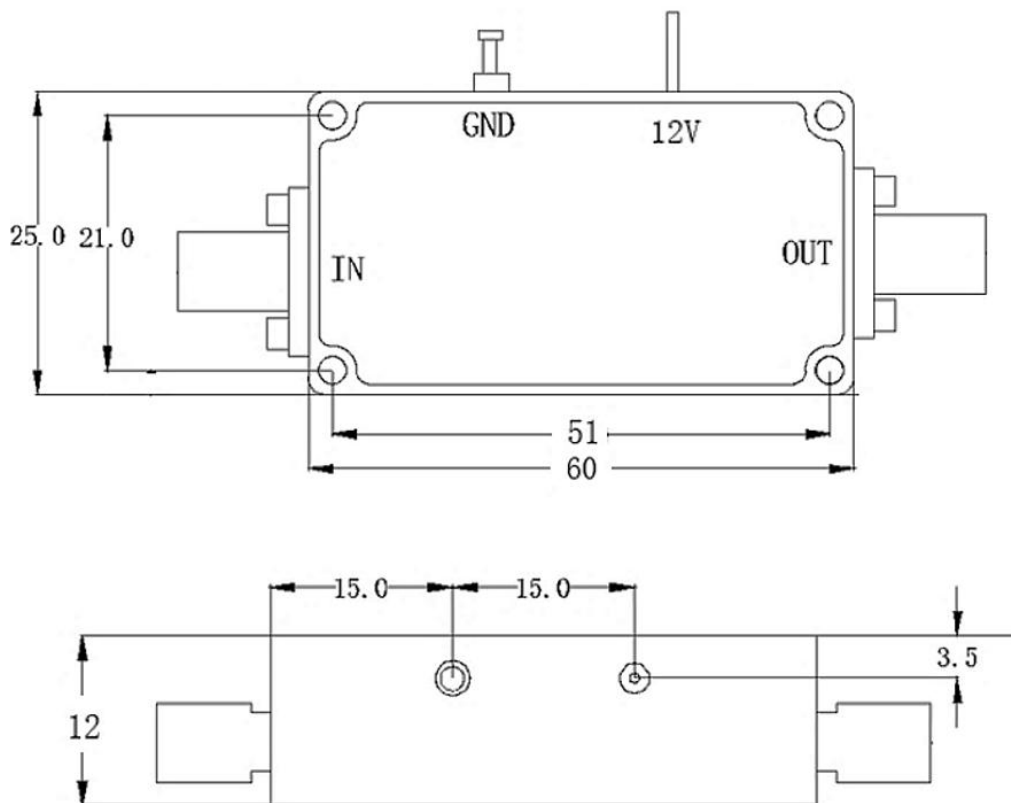
Outline Drawing:

All Dimensions in mm

Outline Tolerances $\pm 0.5(0.02)$

Mounting Holes Tolerances $\pm 0.2(0.008)$

All Connectors: 2.92-Female



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