

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	44	50		dB
4	Gain Flatness		±3.0	±5.0	db
5	Noise Figure		4.5	6.5	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)			15	dBm
12	Connecter	2.92-F			
13	Voltage Control Terminal	Core Capacitor			
14	Spurious	-60			dBc
15	Impedance		50		Ω
16	Operational Temperature	0°C ~ +50°C			
15	Weight	50G			
16	Preferred finish colour	Black			

Environmental Specifications	
Operational Temperature	0°C~+50°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

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No.89,Huahan Road, chenghua Zone Chengdu, Sichuan China Zip Code:610000

Female Contact:	gold plated beryllium brass
Rohs	compliant
Weight	0.5kg

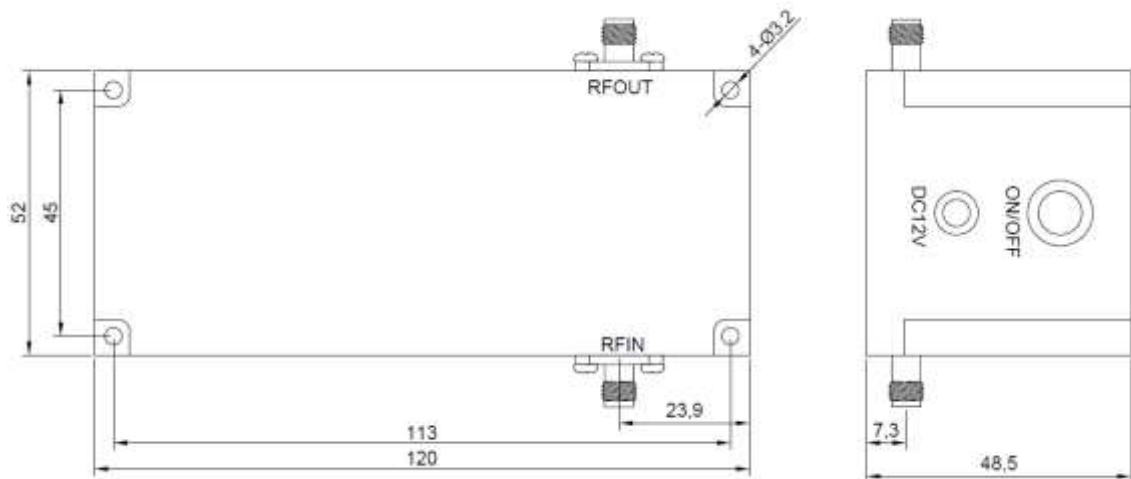
Outline Drawing:

All Dimensions in mm

Outline Tolerances $\pm 0.5(0.02)$

Mounting Holes Tolerances $\pm 0.2(0.008)$

All Connectors: 2.92-Female



The module is equipped with an adapter, which can be directly used for 220V power connection. The adapter is shown in the figure below



TEST DATA

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