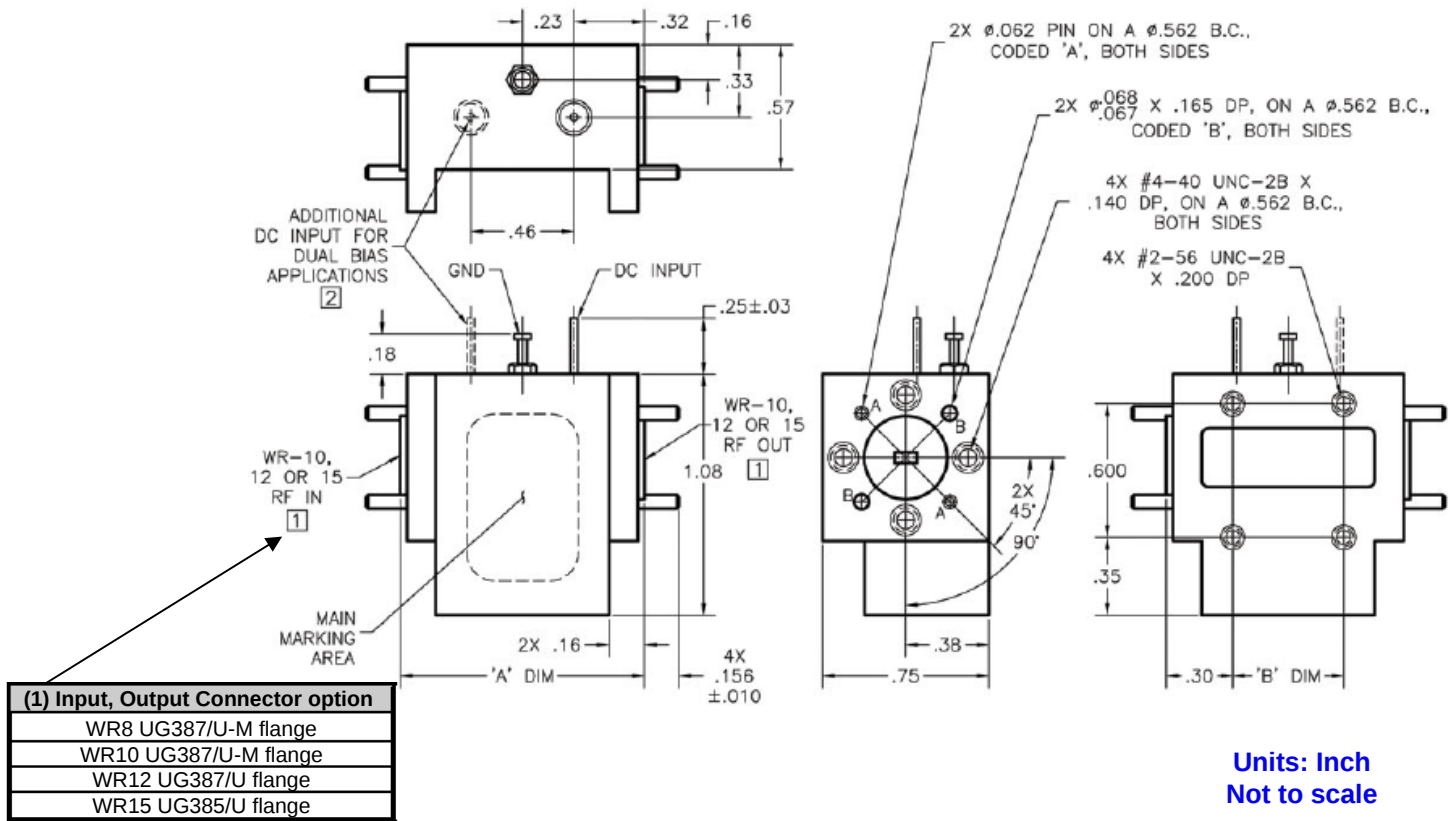


Low Noise Amplifier, 50-86 GHz, Split Bands 25-50dB Gain, WR8, WR10, WR12 & WR15 Connectors, 12 Volts



Order Examples: RLNA-50-60-WR15-25d-12V-d11

Description: (Low Noise Amplifier, 50-60 GHz, WR15 Waveguide Connector, 25 dB Gain, 12 Volts DC Power)

Specifications				Units
Frequency	50-60	77-81	71-86	GHz
SS Gain	25	50	25-35	dB (Typ)
Gain Flatness	±2.5	±5.0	±5.0	dB
Input Return loss	-7.36	-6.02	-6.02	dB (Typ)
Output Return loss	-7.36	-6.02	-6.02	dB (Typ)
Noise Figure	6.5	6.0	7	dB (Typ)
P-1dB	+10	-5	+14	dBm min
Supply Voltage	12 ± 5%	+12 ±5%	+12 ±5%	VDC
Supply Current	275	150	200	mA (Typ)
Operating Temperature	+25	+25	+25	°C
Input Connector	WR-15 UG385/U flange	WR12 UG387/U flange	WR12 UG387/U flange	
Output Connector	WR-15 UG385/U flange	WR12 UG387/U flange	WR12 UG387/U flange	
Bias PIN Configuration	Single Bias	Single Bias	Single Bias	
Dimension	A	1.5	1.7	1.5
	B	0.9	1.1	0.9