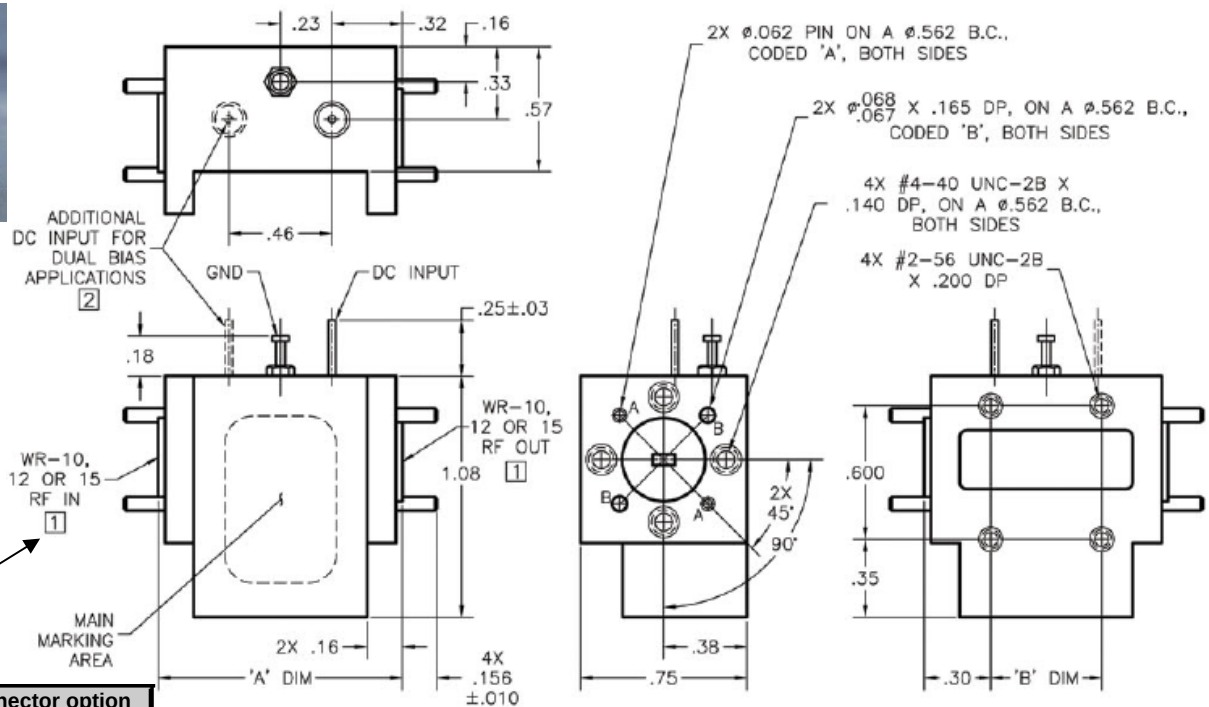
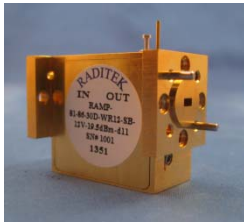


Amplifiers, 71-86GHz, Split Bands

30dB Gain WR8, WR10, WR12 & WR15 Connectors, 12Volts



(1) Input, Output Connector option

WR8 UG387/U-M flange
WR10 UG387/U-M flange
WR12 UG387/U flange
WR15 UG385/U flange

Units: Inch
Not to scale

Order Examples: RAMP-71-76-30d-WR12-SB-12V-19.5dBm-d11

Description: (Amplifier, 71-76GHz, 30dB Gain, Waveguide WR12 UG387/U flange Connectors, Single Bias, 12Volts, 19.5dBmPsat)

Specifications	71-76	81-86	Units
Frequency	71-76	81-86	GHz
Gain	30	30	dB typ
Gain Flatness	±2.0	±1.5	dB max
Input Return loss	-6.02	-6.02	dB max
Output Return loss	-6.02	-6.02	dB max
Psat	+19.5 min / 20 typ	+19.5 min / 20 typ	dBm
Supply Voltage	+12 ±5%	+12 ±5%	VDC
Supply Current	450	520	mA typ
Operating Temp.	+25	+25	°C
Input RF Connector	WR12 UG387/U flange	WR12 UG387/U flange	
Output RF Connector	WR12 UG387/U flange	WR12 UG387/U flange	
Bias PIN Configuration	Single Bias	Single Bias	
Dimension	A=1.5", B= 0.9"	A=1.5", B= 0.9"	Inche

Note: 1) Unless Otherwise Stated, Data Taken at 25 Deg C
2) Two Year Warranty
3) The input device is rated for +0 dBm max, do not over drive

RAMP-71-86-30dB-WRxx-12V-Generic-d11

Specifications may be subject to change

09/03/14

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