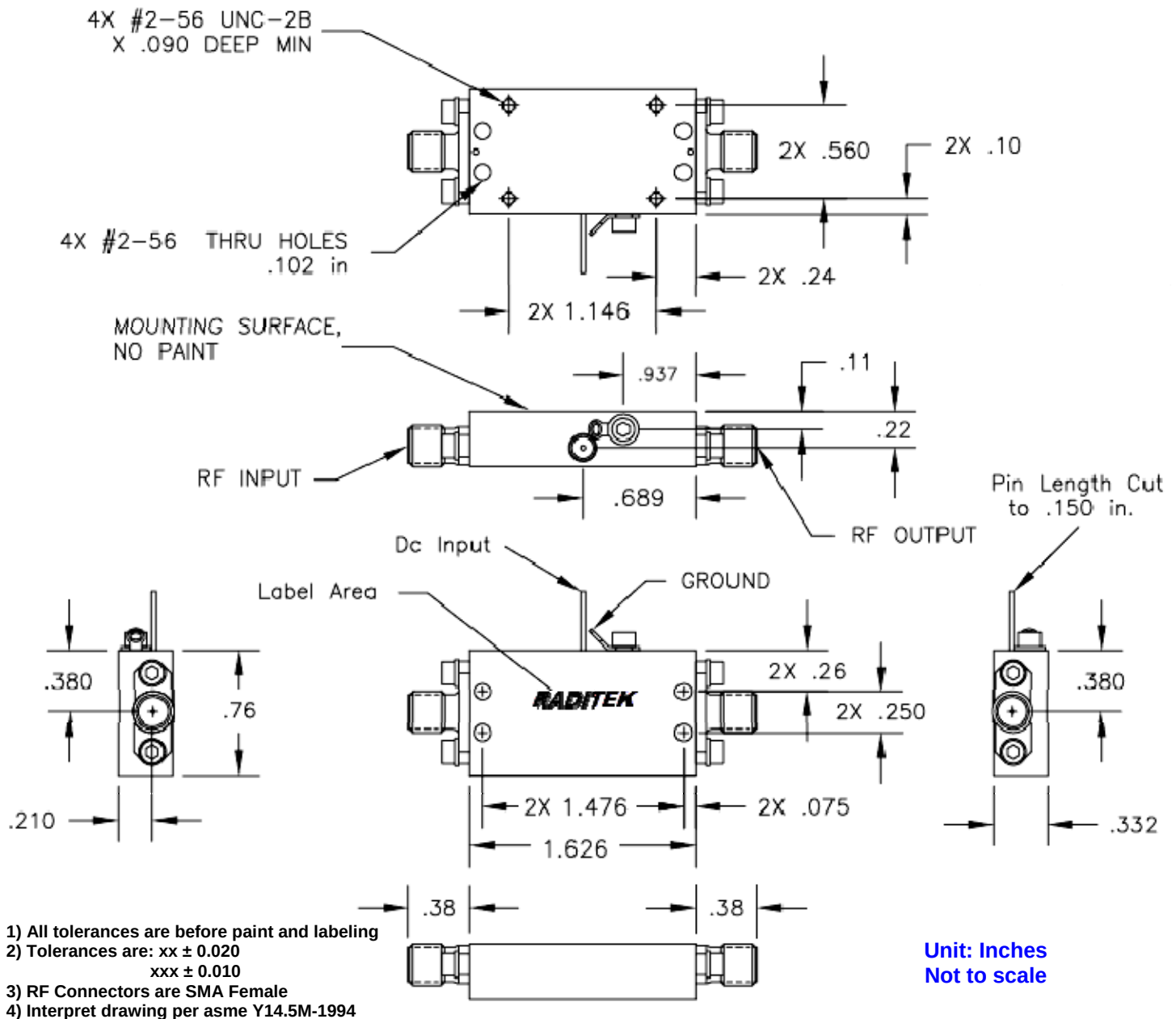


Low Noise Amplifier, 2.2-2.9GHz, 45dB Gain SMA Female Connectors, 15Volts



Order Examples: RLNA-2.2-2.9-45d-Sf-15V-g3

Description: (Low Noise Amplifier, 2.2-2.9GHz, 45dB Gain, SMA Female Connectors, 15V Supply Voltage)

Low Noise Amplifier, 2.2-2.9GHz, 45dB Gain SMA Female Connectors, 15Volts

Specifications		Units
Frequency Range		2.2-2.9 GHz
Small Signal Gain		45 dB min
Gain Flatness		±1.0 dB max
Noise Figure:		1.2 dB max
Recovery Time		500 ns
Output Power (P-1)		+10 dBm
Spurious (Non-Signal Related)		-60 dBc Max (non-signal related)
VSWR	Input	1.5 :1
	Output	1.5 :1
Input Power Handling		+16 dBm CW 250mW for 0.1us and 40mW for 1.0us
Supply Voltage		+15 Vdc
Current		180 mA Max
Operating Temperature		0 to +50 deg C
Connector Type	SMA-F	In
	SMA-F	Out

Environmental: GBNT

95% Relative Humidity

Resistant to Salt Fog - Mil-Spec. Epoxy Paint used

Finish And Labeling:

Raditek Green Paint - Label to include Raditek Part#

Serial Number, Date Code, Input/output and Supply Voltage.

Final Acceptance Testing

All units to be provided with Standard Raditek Acceptance Data: Gain, Noise figure, Power, VSWR In/out , and Current at +25 deg C.

***Certificate of Compliance provided.**