

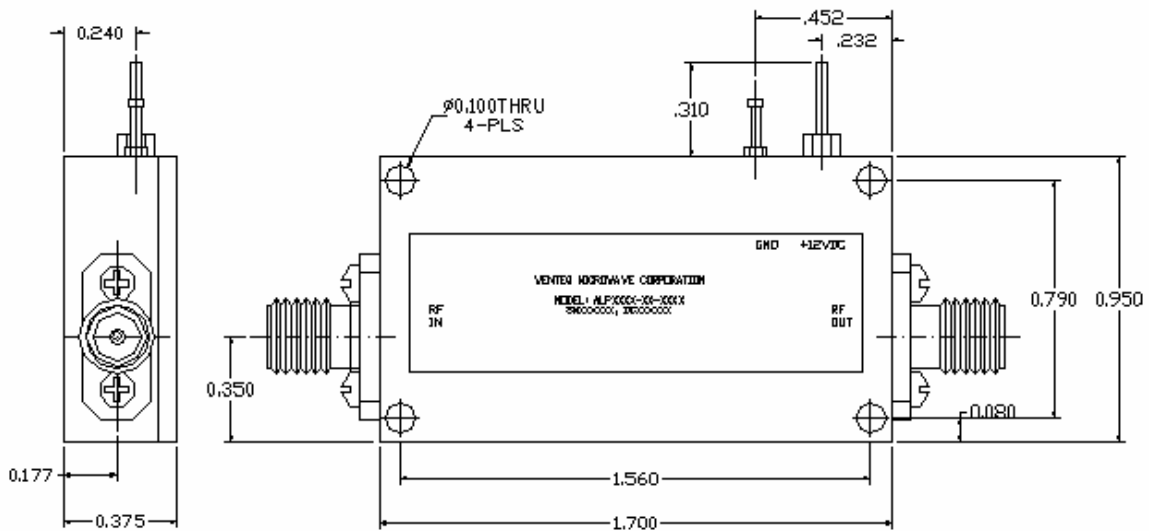
Features:

- High gain, low noise figure
- Low VSWR, unconditional stable
- Small size, low cost
- SMA female connector I/O
- Operating temperature -40~+75°C, storage temperature -45~+125°C

Electrical Specifications:

Parameters	Units	Specifications		
		Minimum	Typical	Maximum
Frequency Range	GHz	5.6		6.4
Small Signal Gain @25°C	dB	28.0	30.0	32.0
Noise Figure	dB		1.2	1.4
P-1dB Compression Point	dBm	+10.0	+11.0	
Output IP3	dBm		+18.0	
Gain flatness	dB		+/-0.75	+/-1.0
Gain Variation	dB		+/-1.0	+/-1.5
Input VSWR	-		1.6:1	1.8:1
Output VSWR	-		1.6:1	1.8:1
Reverse Isolation	dB		45.0	
Non-Harmonic Spurious	dBc			-60.0
Input no damage power	dBm	+10.0		
Operating Temperature	°C	-40		+75
Survival Temperature	°C	-55		+125
DC Voltage	V	+10	+12	+15
DC Supply Current	mA	70	80	100
RF In/Out connectors		50 ohm SMA Female Connectors		
Size	inches	1.7x0.95x0.375		

Mechanical Structure:



Note: All units in inches.

Absolute Maximum Ratings

DC Voltage	+15V
RF Input Power	+10dBm
Storage Temperature	-55~+125°C
Operating Temperature	-40~+85°C