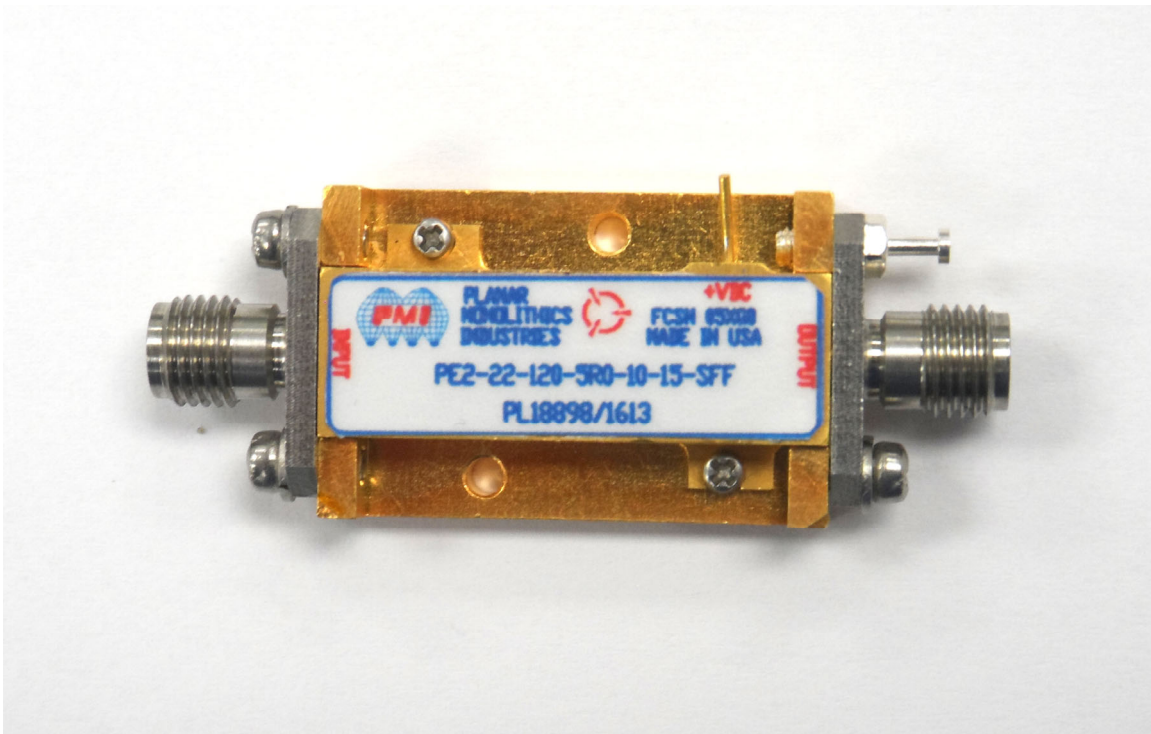




**Typical Characteristics**  
**on**  
**PE2-22-120-5R0-10-15-SFF-ROHS**

**LOW NOISE AMPLIFIER DESIGNED FOR MILITARY AND INDUSTRIAL APPLICATIONS. THIS AMPLIFIER IS SUPPLIED IN OUR STANDARD PE2 HOUSING THAT CAN BE USED AS AN SMA CONNECTORIZED OR A SURFACE MOUNT COMPONENT. OTHER PACKAGES AND CONNECTOR TYPES ARE AVAILABLE. THIS MODEL PROVIDES THE FOLLOWING PERFORMANCE. DATA IS AVAILABLE UPON REQUEST.**



March 22, 2016  
Designed by: PMI Engineering  
Reported by: Kevin Mansfield



**Typical Characteristics  
on  
PE2-22-120-5R0-10-15-SFF-ROHS**

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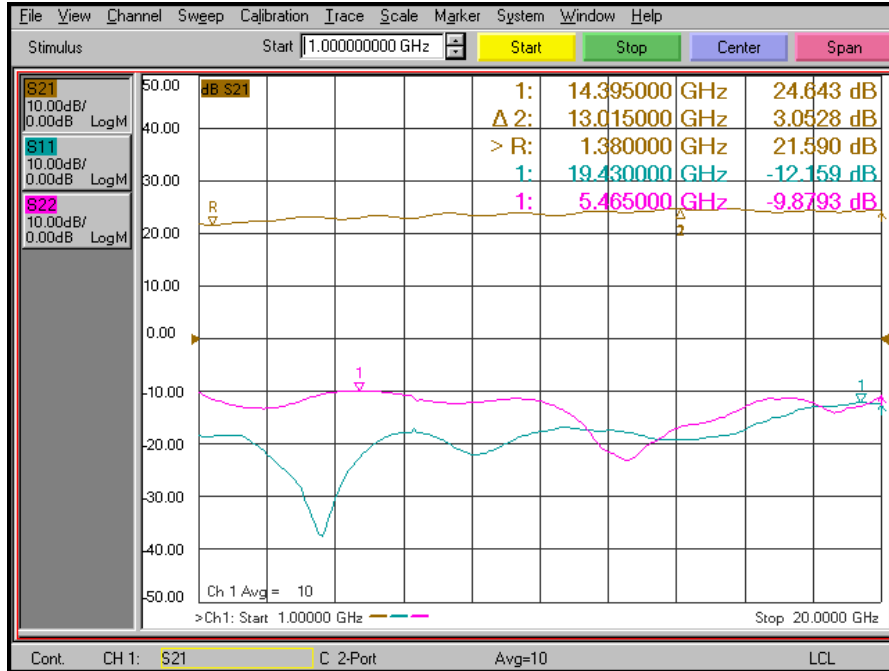
**Typical Characteristics**  
**on**  
**PE2-22-120-5R0-10-15-SFF-ROHS**

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	1.0 to 20.0 GHz	1.0 to 20.0 GHz (See Plot)	
2	Gain:	+22 dB Typ	21.6 dB (See Plot)	
3	Gain Flatness:	±3.0 dB Typ	±1.6 dB (See Plot)	
4	Noise Figure:	5.0 dB Max	4.2 dB (See Plot)	
5	OP1dB:	+10dBm Min	>10 dBm	
6	VSWR (In/Out):	2.0:1 Max	1.9:1 (See Plot)	
7	DC Supply:	+12 to +15VDC @ TBD mA	140 mA	



# Typical Characteristics on PE2-22-120-5R0-10-15-SFF-ROHS

## Gain and Return Loss



## Noise Figure

