

Description:

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.

Specifications:

Frequency Range: 0.25 to 18.0 GHz
 Gain: 60dB Typ.
 Gain Flatness: +/-1.75dB Max.
 Noise Figure: 5.0dB Typ.
 OP1dB: 13dBm Min.
 VSWR Input/Output: 2.0:1 Max.
 DC Voltage Supply: +12 to +15VDC
 DC Current Draw: 280mA Max.

Features:

Internal Voltage Regulation
 Unconditional Stability
 Standard Operating Temperature -20 to +70 Deg. C

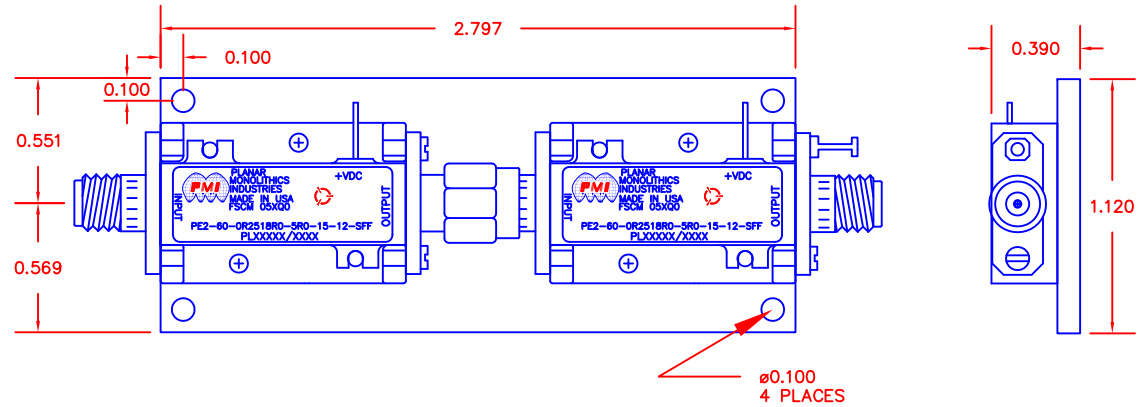
Available Options:

Various Package types
 Various Connector types
 Temperature Compensation
 Hermetic Sealing
 Gain and Phase Matching
 MIL-STD-883 Screening Available

Environmental Ratings:

Temperature: -20°C to +70°C (Operating); (-55°C to +85°C Available)
 -55°C to +125°C (Storage)
 Humidity: MIL-STD-202F, METHOD 103B COND B.
 Shock: MIL-STD-202F, METHOD 213B COND B.
 Altitude: MIL-STD-202F, METHOD 105C COND B.
 Temperature Cycle: MIL-STD-202F, METHOD 107D COND A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
 NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION



ALL DIMENSIONS ARE IN INCHES
 TOLERANCES:
 X.XX ±0.020
 X.XXX ±0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	1/3/19	

PMI CONFIDENTIAL & PROPRIETARY

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APPROVALS		DATE	TITLE		
DRAWN <i>KM</i>		9/28/09	PRODUCT FEATURE		
REDRAWN <i>EW</i>		1/3/19	PE2-60-0R2518R0-5R0-15-12-SFF		
ISSUED			SIZE	FSCM NO.	DWG NO.
			A	05XQ0	PRELIMINARY
			SCALE	SHEET	
			N:S	1 OF 1	