

Description:

Low Noise Amplifier designed for Military and Industrial applications. This amplifier is supplied in a small housing measuring only 2.98" x 0.78" x 0.26". Other packages and connector types are available.

Specifications:

Frequency Range: 2.0 to 4.0 GHz
 Gain: 60 dB Typ.
 Gain Flatness: ±1.25 dB Max.
 VSWR Input/Output: 2.0:1 Max.
 Noise Figure: 1.5 dB Typ.
 OP1dB: 19 dBm Min.
 DC Voltage Supply: +12 to +15 VDC
 DC Current Draw: 475 mA Max.
 Connectors In/Out: SMA Female
 Finish: Gold Plated

Features:

Internal Voltage Regulation
 Unconditional Stability

Available Options:

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

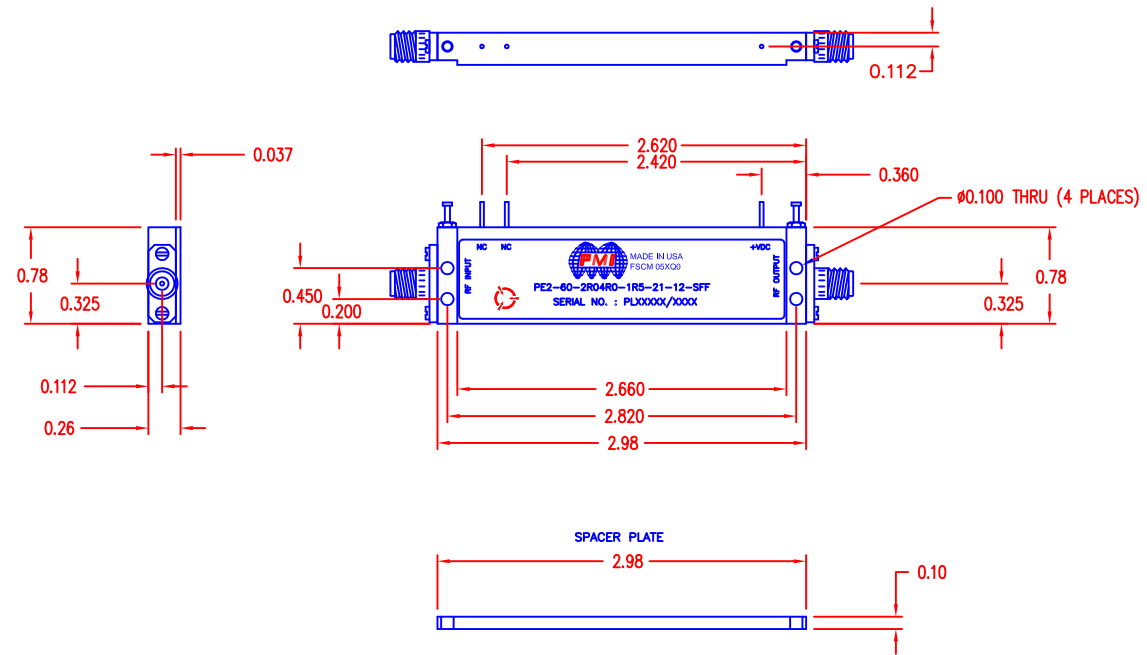
Environmental Ratings:

Temperature: -54°C +95°C (Operating)
 -65°C to +125°C (Storage)
 Humidity: MIL-STD-202F, METHOD 103B COND B.
 Shock: MIL-STD-202F, METHOD 213B COND B.
 Vibration: MIL-STD-202F, METHOD 204D COND B.
 Altitude: MIL-STD-202F, METHOD 105C COND B.
 Temperature Cycle: MIL-STD-202F, METHOD 107D COND A

Note: The above specifications are subject to change or revision.

ALL DIMENSIONS ARE IN INCHES
 TOLERANCES:
 X.XX ±0.010
 X.XXX ±0.005

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	12/7/16	



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 ISO 9001:2008 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN <i>EMF</i>		12/7/16	PRODUCT FEATURE			
CHECKED			PE2-60-2R04R0-1R5-21-12-SFF			
ISSUED			SIZE	FSCM NO.	DWG NO.	REV.
			A	05XQ0	PRELIMINARY	-
			SCALE	N:S		SHEET 1 OF 1