

Description:

PMI Model Number: PE2-16-9R010R0-2R5-12-12-SFF is a 9.0 TO 10.0 GHz low noise amplifier. This amplifier is supplied in our standard PE2 housing that can be used as a SMA connectorized or a surface mount component.

Specifications:

Frequency Range: 9.0 TO 10.0 GHz
 Gain: 16 dB Typ.
 Gain Flatness: ±0.5 dB Max.
 Noise Figure: 2.5 dB Typ.
 OP1dB: 10 dBm Min.
 VSWR Input/Output: 2.0:1 Max.
 DC Supply: +12 to +15 VDC
 DC Current Draw: 85 mA Nominal

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:

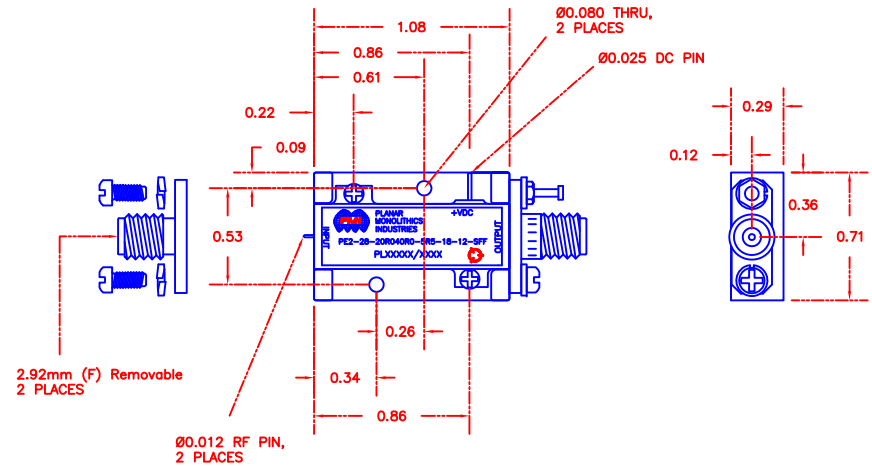
Temperature: -20 to +70 Deg C (Operating); -55 to +85 Deg C Available
 -55 to +125 Deg C (Storage)
 Humidity: MIL-STD-202F, METHOD 103B COND B.
 Shock: MIL-STD-202F, METHOD 213B COND B.
 Altitude: MIL-STD-202F, METHOD 105C COND B.
 Temperature Cycle: MIL-STD-202F, METHOD 107D COND A

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

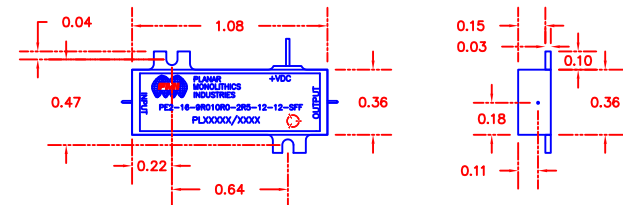
ALL DIMENSIONS ARE IN INCHES
 TOLERANCES:
 X.XX ±0.010
 X.XXX ±0.005

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	5/29/14	

PE2 HOUSING WITH CARRIER



PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



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APPROVALS		DATE	TITLE		
DRAWN	<i>EMF</i>	5/29/14	PRODUCT FEATURE		
CHECKED			PE2-16-9R010R0-2R5-12-12-SFF		
ISSUED			SIZE	FSCM NO.	DWG NO.
			A	05XQ0	PRELIMINARY
			SCALE	N:S	SHEET 1 OF 1