

Description:

Model Number PEC3-17D7G20D2G-1D1-5-12-SFF
Operates at a Frequency range of 17.7 to 20.2 GHz .

Specifications:

Frequency Range: 17.7 to 20.2 GHz
Small Signal Gain: 37 - 41 dB
Reverse Gain: -60 dB Max
Gain Flatness: +/- 0.75 dB
Noise Figure: 1.1dB Max (at 23 Degrees C)
P1dB: +5 dBm Min
3rd OIP: +13 dBm Min
Max Input Power: +13 dBm Max
VSWR Input/Output: 1.5:1 Max.
Power Supply: +12VDC
Connectors In/Out: In: SMA Female (Field Removable)
Out: SMA Female (Field Removable)
Size: (L) 1.92" x (W) 0.78" x (H) 0.26"
Finish: Gold Plated

Environmental Ratings:

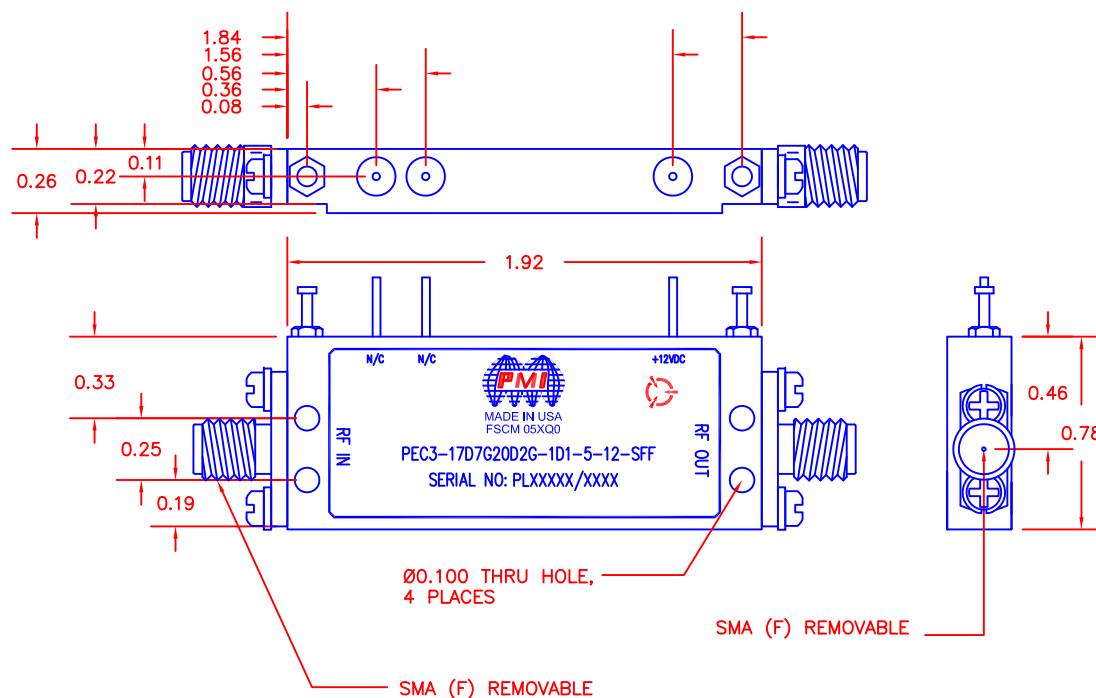
Temperature: -45 to +75 Deg. C (Operating)
-65 to +125 Deg. C (Storage)
Humidity: MIL-STD-202F, METHOD 103B COND B.
Shock: MIL-STD-202F, METHOD 213B COND B.
Altitude: MIL-STD-202F, METHOD 105C COND B.
Temperature Cycle: MIL-STD-202F, METHOD 107D COND A

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

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	4/17/2019	

PRODUCT FEATURE



PMI CONFIDENTIAL AND PROPRIETARY

PLANAR MONOLITHICS INDUSTRIES, INC.

7311-F GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: 301-662-5019 FAX: 301-662-1731
WEBSITE: www.pmi-rf.com
E-MAIL: sales@pmi-rf.com
ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE	
DRAWN		4/17/19		PRODUCT FEATURE	
CHECKED				PEC3-17D7G20D2G-1D1-5-12-SFF	
ISSUED					
SIZE		FSCM NO.		DWG NO.	
A		05XQ0		PRELIMINARY	
SCALE		N:S		SHEET	
				1 OF 1	