

Description:

Model Number PEC-20-218-16-15-SFF-TTLVG Operates at a Frequency range of 2 to 18 GHz .

Specifications:

Frequency Range: 2 to 18 GHz
Gain: 20dB Min "On State" (0)-TTL
< 0dB "Off State" (1)-TTL
Gain Flatness: +/- 1.5dB Max
Noise Figure: 7.0dB Max
Switching Speed: < 2µsec
OP1dB: +15dBm Min, +16dBm Typ.
VSWR Input/Output: 2.0:1 Max.
Power Supply: +15VDC @ 400mA
Connectors In/Out: In: SMA Female
Out: SMA Femal
Size: (L) 1.92" x (W) 0.78" x (H) 0.26"
Finish: Gold Plated

Features:

Internal Voltage Regulation
Unconditional Stability
Standard Operating Temperature -55 to +95 Deg. C

Available Options:

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

Environmental Ratings:

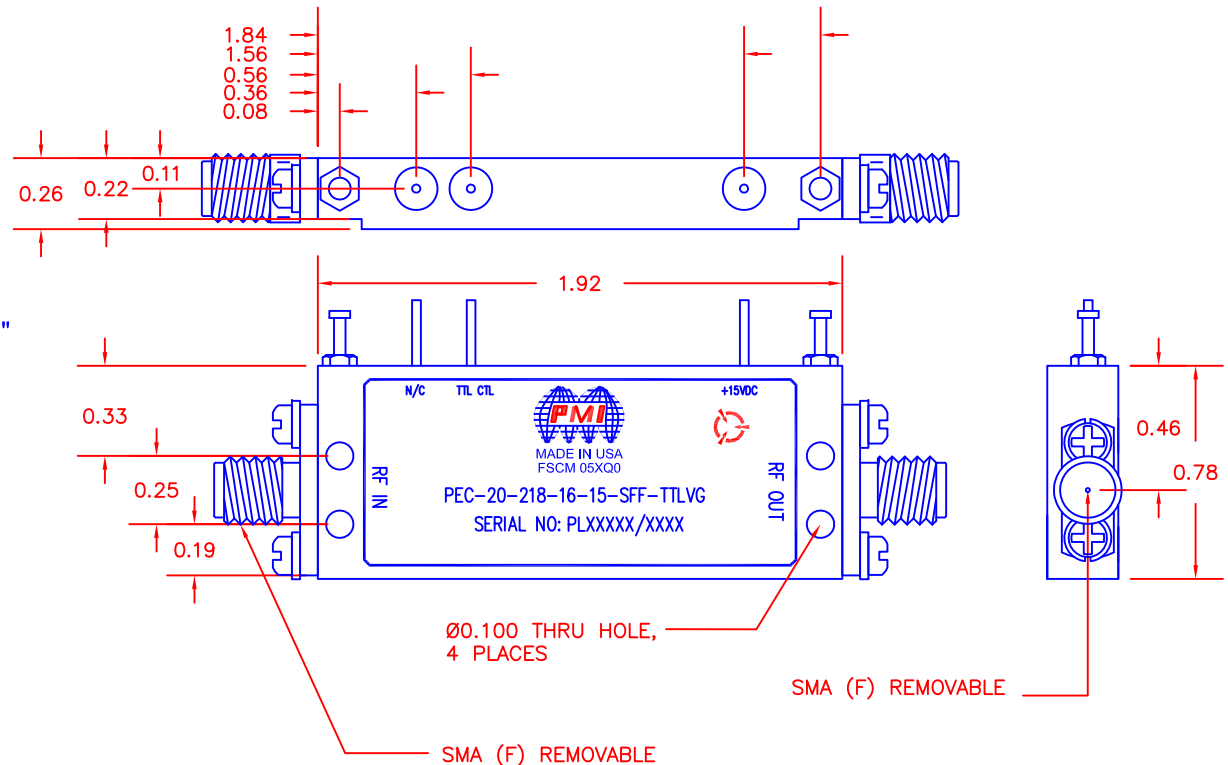
Temperature: -54 to +95 Deg. C (Operating)
-65 to +125 Deg. C (Storage)
Humidity: MIL-STD-202F, METHOD 103B COND B.
Shock: MIL-STD-202F, METHOD 213B COND B.
Altitude: MIL-STD-202F, METHOD 105C COND B.
Temperature Cycle: MIL-STD-202F, METHOD 107D COND A

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
	1	ORIGINAL RELEASE	11/01/13	
	A1	ECN # 14-0061	03/29/14	
	A2	ECN # 17-0114	05/27/17	
	A3	ECN # 17-0209	09/18/17	

PRODUCT FEATURE



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE		TITLE	
DRAWN		11/01/13		PRODUCT FEATURE	
CHECKED				PEC-20-218-16-15-SFF-TTLVG	
ISSUED					
SIZE		FSCM NO.		DWG NO.	
A		05XQ0		27021731	
SCALE		N:S		SHEET	
				1 OF 1	