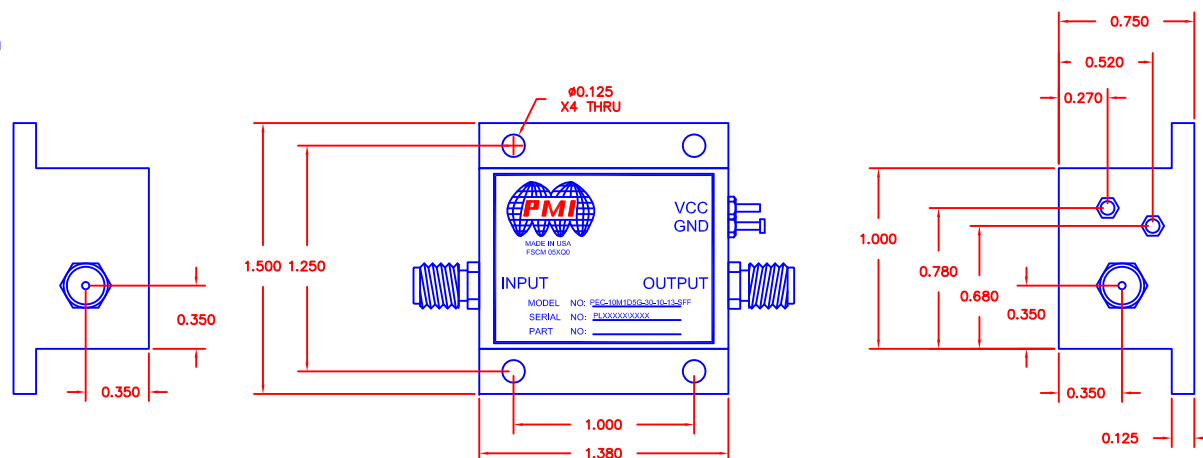


DESCRIPTION:

PMI MODEL NUMBER PEC-10M1D5G-30-10-13-SFF IS A MEDIUM POWER AMPLIFIER OPERATING BETWEEN THE FREQUENCY RANGE OF 10 MHz TO 1500 MHz WITH LOW 3dB TYPICAL NOISE FIGURE AND HIGH 40 dB TYPICAL GAIN.

SPECIFICATIONS:

- FREQUENCY: 10 - 1500 MHz
- GAIN: 40dB Typ.
36dB Min.
- OUTPUT POWER: +15dBm Max. @ 1dB Compression
- INPUT POWER: +13dBm Max.
- DYNAMIC RANGE: 3.0dB (TYP) @ [NF]
+31dBm (TYP) @ [IP3]
- VSWR: 1 : 1.4 (INPUT)
1 : 1.6 (OUTPUT)
- DC POWER: 12V @ 115mA (MAX)
- CONNECTORS: SMA (F)
- WEIGHT: TBD
- FINISH: PAINTED BLUE



PMI CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS:

- TEMPERATURE: -40°C TO +75°C (OPERATING)
-55°C TO +100°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 107

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	06-30-16	

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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE	
DRAWN		06-30-16		PRODUCT FEATURE	
CHECKED				PEC-10M1D5G-30-10-13-SFF	
ISSUED				PRELIMINARY	
SCALE		N:S		SHEET 1 OF 1	