

DESCRIPTION

PMI MODEL NUMBER: BPM-4G8G-HS IS A HIGH SPEED BI-PHASE MODULATOR, OPERATING OVER THE 4-8 GHz FREQUENCY RANGE. THIS MODEL ALSO FEATURES A TTL COMPATIBLE CONTROL WITH LOW AMPLITUDE AND PHASE ERROR.

SPECIFICATIONS

- FREQUENCY RANGE: 4 TO 8 GHz
- INSERTION LOSS: 3dB MAX
- AMPLITUDE ERROR: ± 1.0 dB MAX
- PHASE ERROR: $\pm 10^\circ$ MAX
- VSWR: 2.0:1 MAX
- SWITCHING TIME: 25nSec MAX
- INPUT POWER: +20dBm CW MAX (Operating)
+30dBm CW MAX (Survival)
- DC SUPPLY: +5VDC @ 100mA
-15VDC @ 20mA
- SIZE: (L) 1.25" X (W) 1.25" (H) 0.5"
- FINISH: GOLD PLATED

ENVIRONMENTAL RATINGS:

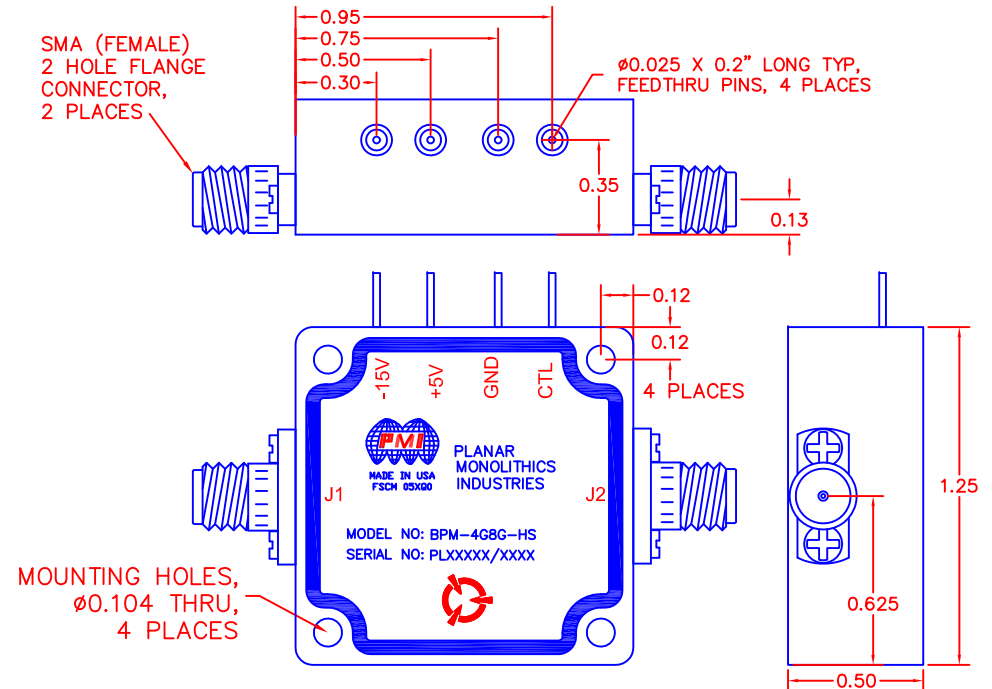
- TEMPERATURE: -40°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107 COND. 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 RELEASE	07/9/14	

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE		TITLE			
DRAWN		7/9/14		PRODUCT FEATURE			
CHECKED				BPM-4G8G-HS			
ISSUED				SIZE	FSCN NO.	DWG NO.	REV.
				A	05XQ0	270XXXXX	—
				SCALE	N: S	SHEET	1 OF 1