

DESCRIPTION:

PMI MODEL NUMBER BPM-1G2G-1-SFF IS A BIPHASE MODULATOR DESIGNED TO OPERATE OVER THE 1.0GHz TO 2.0GHz FREQUENCY RANGE. THIS MODEL HAS THE FOLLOWING SPECIFICATIONS.

SPECIFICATIONS:

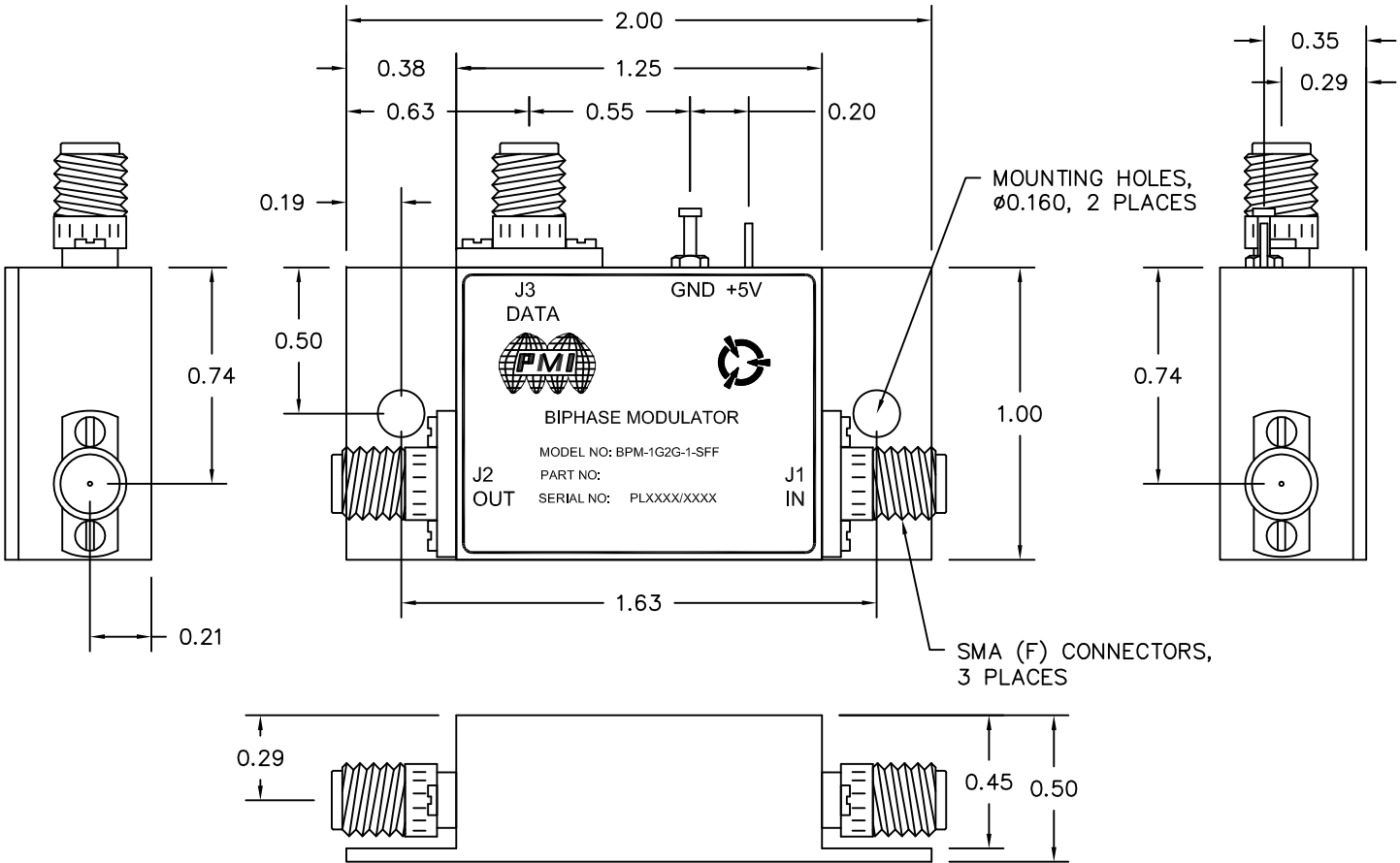
- FREQUENCY: 1.0 GHz TO 2.0 GHz
- INSERTION LOSS: 8.8 dB MAXIMUM
- VSWR: 2.0:1 MAXIMUM
- AMPLITUDE BALANCE: 0.25 dB TYPICAL
0.75 dB MAXIMUM
- PHASE BALANCE: ±2° TYPICAL
±5° MAXIMUM
- CARRIER SUPPRESSION: -30 dBc TYPICAL
- IMPEDANCE: 50 OHMS
- SWITCHING SPEED: 5 ns TYPICAL
(50% CONTROL TO 90% RF)
- DATA SIGNAL: TTL COMPATIBLE
- RF INPUT POWER: -3 dBm MAXIMUM
- POWER SUPPLY: +5V @ 25 mA TYPICAL
- RF CONNECTORS: SMA FEMALE CONNECTORS
- DC CONNECTOR: SOLDER PIN
- WEIGHT: 1.5 OZ. TYPICAL
- FINISH: PAINTED GRAY

ENVIRONMENTAL RATINGS

- TEMPERATURE: -55°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202G, METHOD 103B COND. B
- SHOCK: MIL-STD-202G, METHOD 213B COND. B
- VIBRATION: MIL-STD-202G, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202G, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202G, METHOD 107G COND. A

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	3/1/11	PK
	B	SPEC CHANGES	4/11/12	



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ISO 9001:2008 CERTIFIED



APPROVALS		DATE		TITLE			
DRAWN		3/1/11		PRODUCT FEATURE			
CHECKED				BPM-1G2G-1-SFF			
ISSUED				SIZE	FSCM NO.	DWG NO.	REV.
				A	05XQ0	27015146	B
				SCALE	N:S	SHEET	1 OF 1

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