

DESCRIPTION

PMI MODEL SBA-DC2G-60DB-5V IS A PROGRAMMABLE 0 TO 60dB ATTENUATOR THAT OPERATES FROM DC TO 2GHz. SEE FULL SPECIFICATIONS BELOW.

SPECIFICATIONS

- FREQUENCY RANGE: DC TO 2GHz
- NUMBER OF CELLS: 4
- INDIVIDUAL CELL ATTENUATION: 4dB, 8dB, 16dB, AND 32dB
- TOTAL ATTENUATION: 0 TO 60dB
- ATTENUATION ACCURACY: ± 0.3 dB OR 1% TO 1GHz
 ± 0.5 dB OR 2% TO 2GHz
- IMPEDANCE: 50 Ω
- SWITCHING SPEED: < 6ms
- VSWR: < 1.3:1 (17dB RETURN LOSS)
- POWER HANDLING: 0.5W (27dBm) CW
- OPERATING VOLTAGE: 5V STANDARD
- RF INPUT/OUTPUT: $\varnothing 0.015$ FEEDTHRU/SMA (F) PRESS FIT
- SIZE: (L) 2.48 X (W) 0.80" X (H) 0.80"
- FINISH: NICKEL PLATED

ENVIRONMENTAL RATINGS

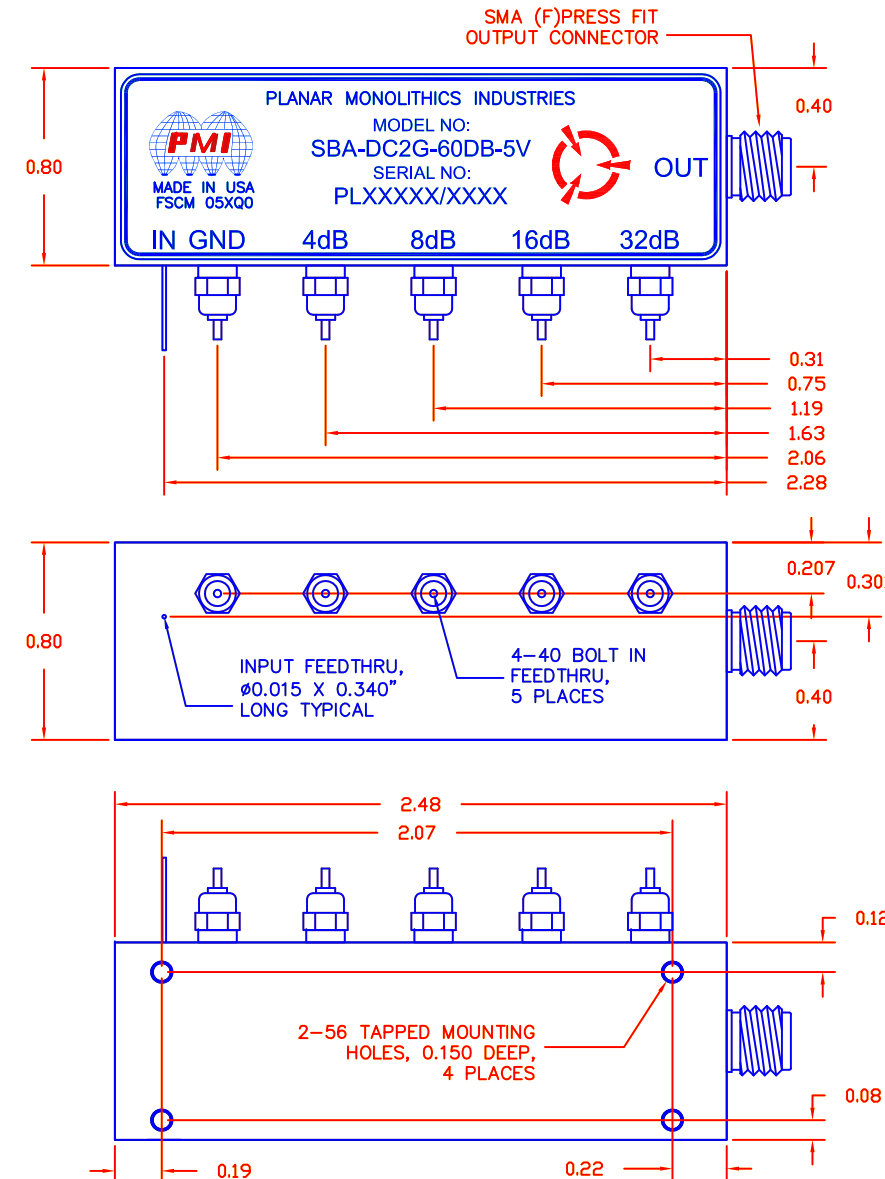
- TEMPERATURE: -55°C TO + 71°C (OPERATING)
-55°C TO +100°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
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	04/25/13	

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE	TITLE			
DRAWN <i>sfk</i>		04/25/13	PRODUCT FEATURE SBA-DC2G-60DB-5V			
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. 27018371	REV. 1
ISSUED			SCALE N:S		SHEET 1 OF 1	