

DESCRIPTION

PMI MODEL QC-5D3G6G IS QUADRATURE COUPLER THAT OPERATES BETWEEN THE FREQUENCY RANGE OF 5.3 TO 6.0 GHz.

SPECIFICATIONS

- FREQUENCY RANGE: 5.3 TO 6.0 GHz
- ISOLATION: 18dB
- INSERTION LOSS: 1dB (+3dB THEORETICAL)
- VSWR: 1.4:1
- IMPEDANCE: 50Ω
- AMPLITUDE BALANCE: ±0.7dB
- PHASE BALANCE: ±5°
- SIZE: (L) 1.25" X (W) 0.75" X (H) 0.37"
- FINISH: PAINTED GRAY

CONNECTOR FUNCTIONS				
INPUT	J1	J2	J3	J4
J1	X	ISOLATION	90°	0°
J2	ISOLATION	X	0°	90°
J3	90°	0°	X	ISOLATION
J4	0°	90°	ISOLATION	X

ENVIRONMENTAL RATINGS

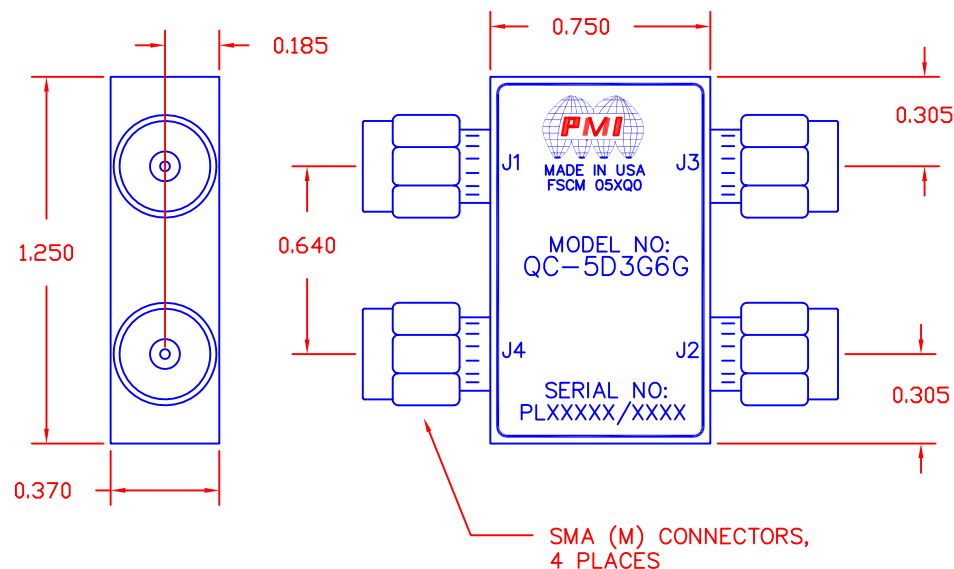
- TEMPERATURE: -55°C TO + 85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D COND. 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 ±0.010
X.XXX ±0.005

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	A	ORIGINAL RELEASE	06/12/12

MECHANICAL OUTLINE



CONFIDENTIAL & PROPRIETARY

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APPROVALS		DATE		TITLE			
DRAWN		06/12/12		PRODUCT FEATURE			
CHECKED				QC-5D3G6G			
ISSUED				SIZE	FSCM NO.	DWG NO.	REV.
				A	05XQ0	27016961	A
				SCALE	N: S	SHEET	1 OF 1