

DESCRIPTION

PMI MODEL PTP-2G18G-6G10G14G-CD-S4F IS A MULTIPLEXER THAT OPERATES OVER THE FREQUENCY RANGE OF 2.0 TO 18.0 GHz.

SPECIFICATIONS

- FREQUENCY RANGE: ----- 2.0 TO 18.0 GHz
- CROSSOVER FREQUENCY: ----- 6.0/10.0/14.0 GHz
- INSERTION LOSS: ----- 1.5 dB MAXIMUM
- CROSSOVER RANGE: ----- $\pm 5\%$ OF CROSSOVER
- REJECTION @ DC TO 1.7 GHz: ----- 60 dB MINIMUM
- REJECTION ABOVE 21.0 GHz: ----- 60 dB MINIMUM
- REJECTION @ $\pm 15\%$ OF CROSSOVER: 60 dB MINIMUM
- IN/OUT VSWR: ----- 2.0:1 MAXIMUM
- PASSBAND RIPPLE: ----- 0.5 dB MAXIMUM P-P
- IMPEDANCE: ----- 50 OHMS
- POWER HANDLING: ----- 2 W CW MINIMUM
- CONNECTORS: ----- SMA FEMALE
- SIZE: ----- 2.7" x 2.1" x 0.4"
- FINISH: ----- PAINTED BLUE

ENVIRONMENTAL RATINGS

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

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

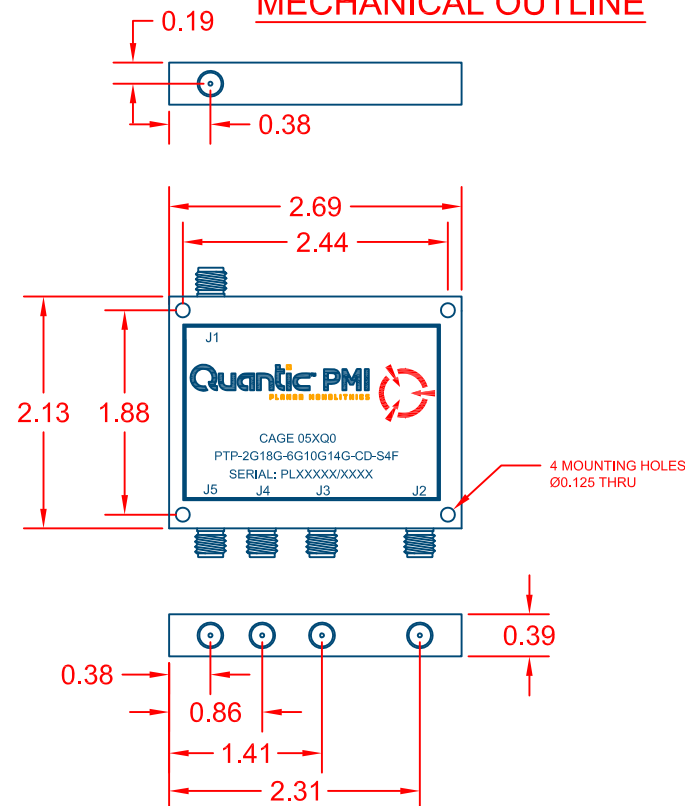
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

ALL DIMENSIONS
ARE IN INCHES [mm]
TOLERANCES:
X.XX ± 0.020
X.XXX ± 0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	7/2/2018	

MECHANICAL OUTLINE



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Quantic PMI
PLANAR NONLITHICS

APPROVALS		DATE	TITLE			
DRAWN		5/1/18	PRODUCT FEATURE PTP-2G18G-6G10G14G-CD-S4F			
REDRAWN		10/25/23				
ISSUED			SIZE	FSCM NO.	DWG NO.	REV.
			A	05XQ0	27035220	B1
			SCALE	N:S	SHEET	1 OF 1