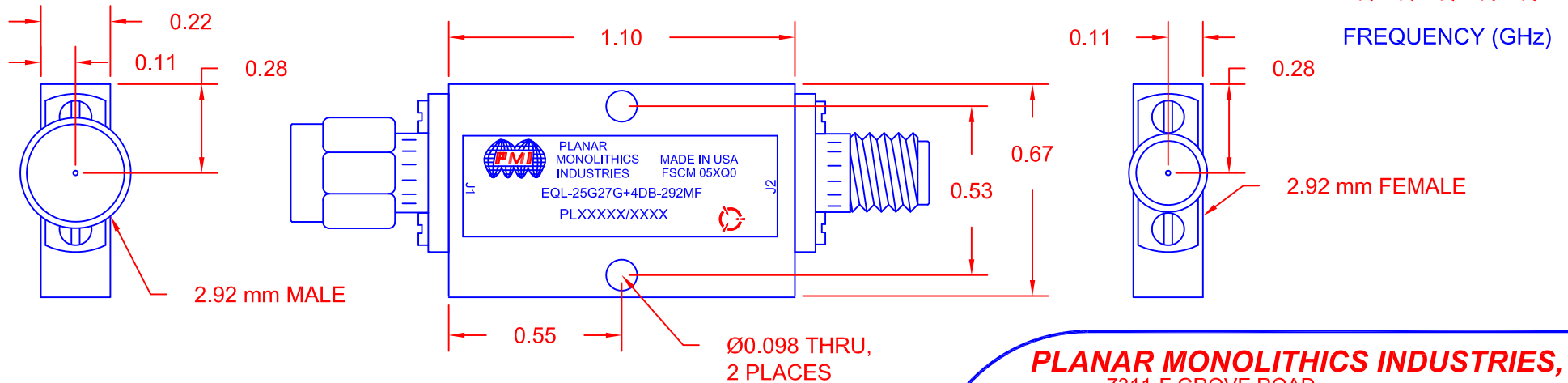


DESCRIPTION

PMI MODEL: EQL-25G27G+4DB-292MF IS A PASSIVE AMPLITUDE EQUALIZER PROVIDING THE FOLLOWING SPECIFICATIONS. THIS EQUALIZER HAS A POSITIVE SLOPE WHICH EQUALIZES CABLE LOSS.

SPECIFICATIONS

- FREQUENCY RANGE: ----- 25.0 TO 27.0 GHz
- MAXIMUM INPUT POWER: ----- 0.5 W CW
- INSERTION LOSS: ----- 0.5 dB GOAL
- VSWR: ----- 2.0:1 MAX
- AMPLITUDE @ 25 GHz: ----- 0 dB
- SLOPE: ----- SEE ATTENUATION VS. FREQUENCY GRAPH
- LINEARITY: ----- ±1.0 dB
- CONNECTORS: ----- INPUT: 2.92 mm MALE
OUTPUT: 2.92 mm FEMALE
- SIZE: ----- 1.10" x 0.67" x 0.22"
- FINISH: ----- BLUE EPOXY POLIMIDE COATING IAW MIL-C-22750,
TYPE I OVER EPOXY POLIMIDE PRIMER IAW
MIL-P-23377, TYPE I, CLASS 1 OR 3.



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

ALL DIMENSIONS
ARE IN INCHES (mm)
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	1/20/16	

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE		
DRAWN <i>M. Berry</i>		1/20/16	PRODUCT FEATURE EQL-25G27G+4DB-292MF		
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY
ISSUED			SCALE N:S		REV. -
				SHEET	1 OF 1