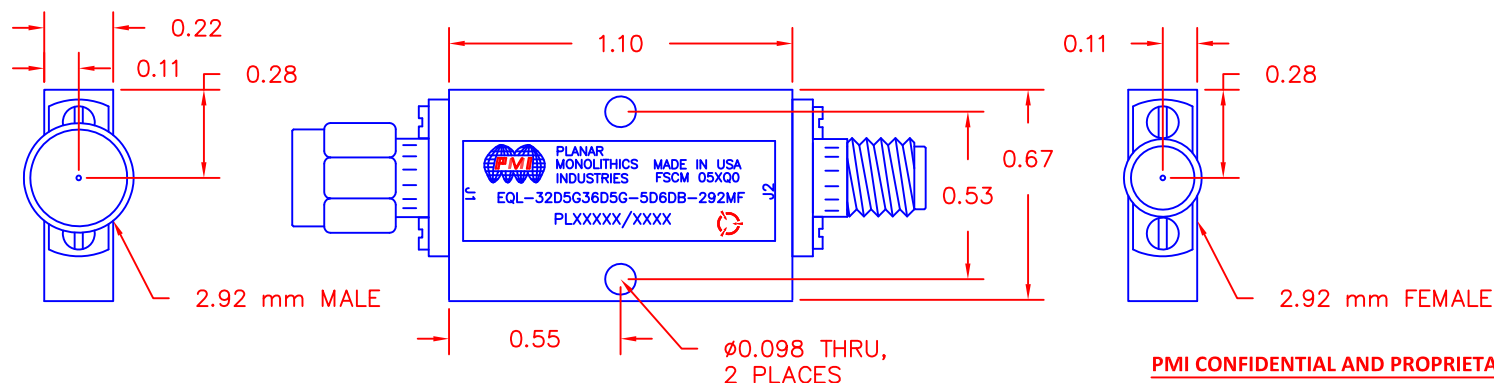
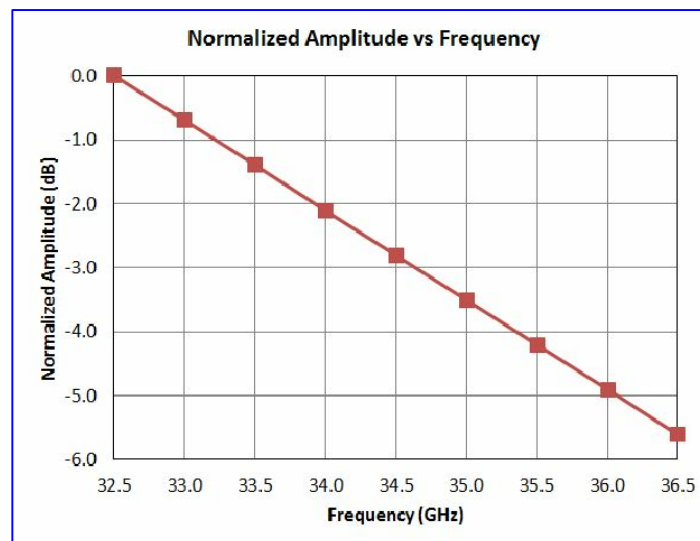


DESCRIPTION:

PMI MODEL NUMBER EQL-32D5G36D5G-5D6DB-292MF IS A PASSIVE AMPLITUDE EQUALIZER PROVIDING THE FOLLOWING SPECIFICATIONS. THIS EQUALIZER HAS A NEGATIVE SLOPE WHICH SIMULATES CABLE LOSS.

SPECIFICATIONS:

- FREQUENCY: 32.5 TO 36.5 GHz
- MAXIMUM INPUT POWER: 0.5 WATTS CW
- VSWR: 1.5:1 TYP, 2.0:1 MAX
- INSERTION LOSS @ 32.5 GHz: 2.0 dB MAX
- SLOPE: -1.4 ± 0.125 dB/GHz
- AMPLITUDE ACCURACY: ± 0.5 dB
(COMPARED TO BEST FIT STRAIGHT LINE)
- CONNECTORS: 2.92 mm MALE J1
2.92 mm FEMALE J2
- 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.



PMI CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS:

- TEMPERATURE: -40°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 107

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
	—	PRELIMINARY	8/13/18

PLANAR MONOLITHICS INDUSTRIES, INC.

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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE	
DRAWN <i>DPD</i>		7/25/14		PRODUCT FEATURE	
CHECKED <i>EMF</i>		8/13/18		EQL-32D5G36D5G-5D6DB-292MF	
ISSUED				PRELIMINARY	
SCALE N:S		SIZE A		FSCM NO. 05XQ0	
				DWG NO.	
				REV. —	
				SHEET 1 OF 1	