

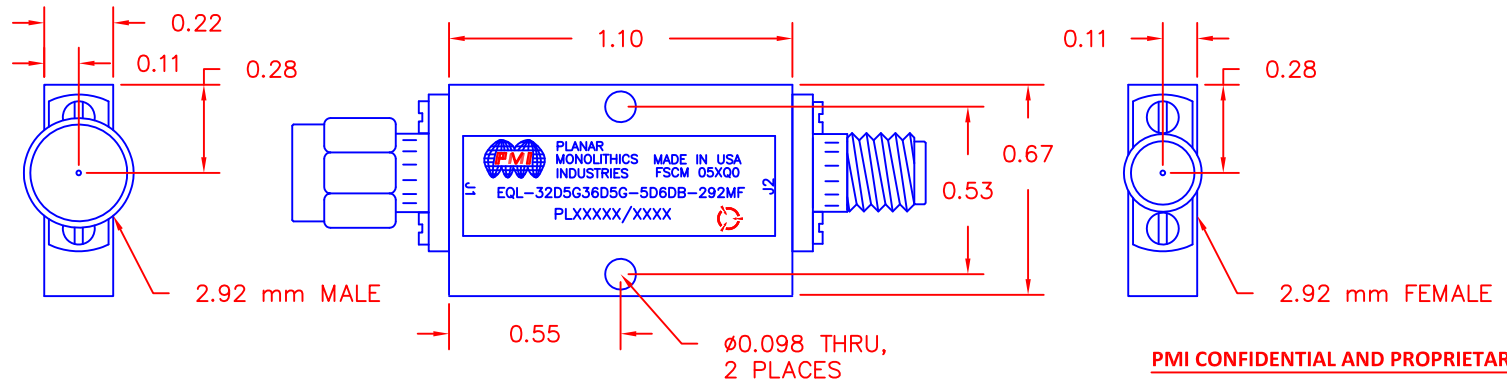
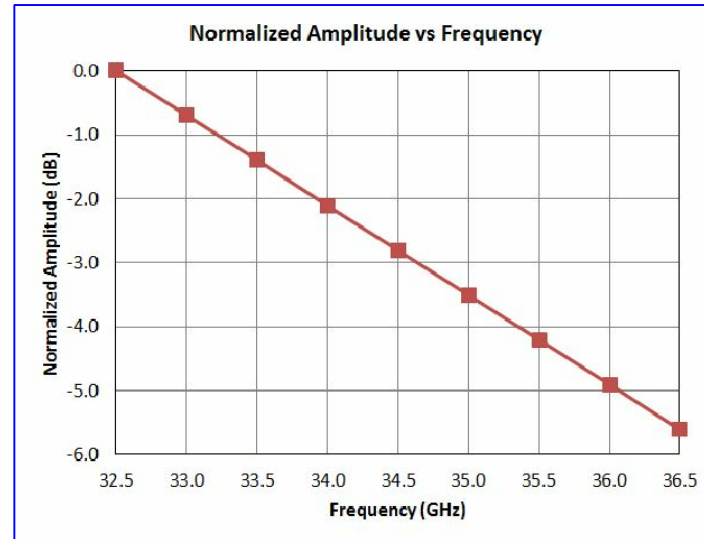
DESCRIPTION:

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.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	8/13/18	

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.



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

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