

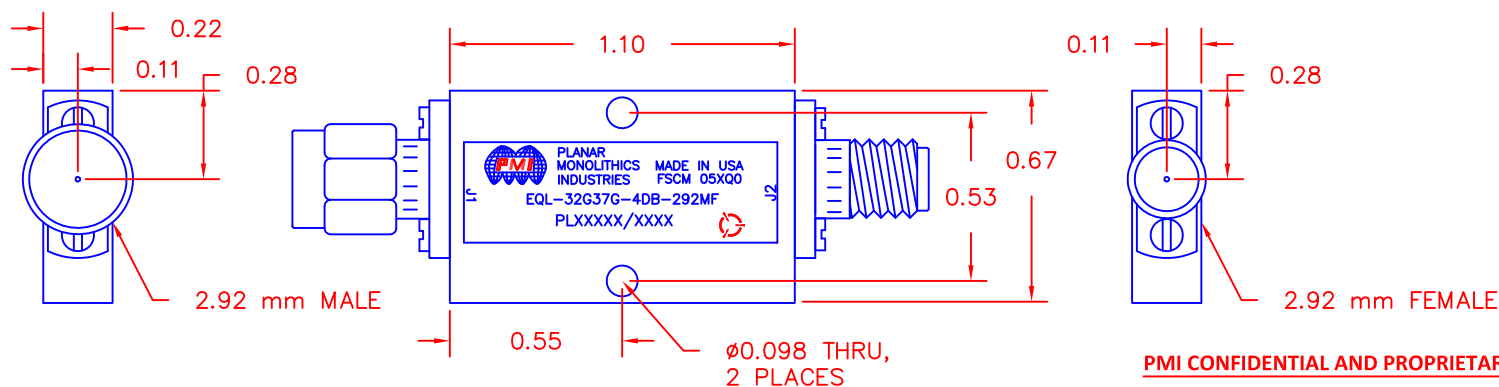
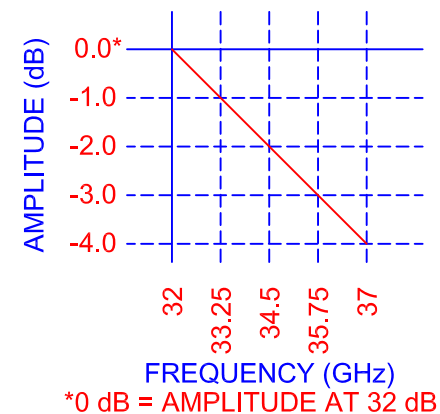
DESCRIPTION:

PMI MODEL NUMBER EQL-32G37G-4DB-292MF IS A PASSIVE AMPLITUDE EQUALIZER PROVIDING THE FOLLOWING SPECIFICATIONS. THIS EQUALIZER HAS A NEGATIVE SLOPE WHICH SIMULATES CABLE LOSS.

SPECIFICATIONS:

- FREQUENCY: _____ 32 GHz TO 37 GHz
- MAXIMUM INPUT POWER: _____ 0.5 WATTS CW
- VSWR: _____ 2.0 :1 MAX
- AMPLITUDE @ 32 GHz: _____ -2 dB TYP
- SLOPE: _____ AMPLITUDE @ 32 GHz
AMPLITUDE - 4 dB @ 37 GHz
AMPLITUDE = -1 dB / GHz * (FREQUENCY ABOVE 32 GHz in GHz) + (AMPLITUDE @ 32 GHz)
- LINEARITY: _____ ±0.5 dB
- 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.

AMPLITUDE VS. FREQUENCY



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		7/25/14		PRODUCT FEATURE			
CHECKED		7/11/17		EQL-32G37G-4DB-292MF			
ISSUED				SIZE	FSCM NO.	DWG NO.	REV.
				A	05XQ0	PRELIMINARY	1
				SCALE	N:S	SHEET	1 OF 1