

DESCRIPTION:

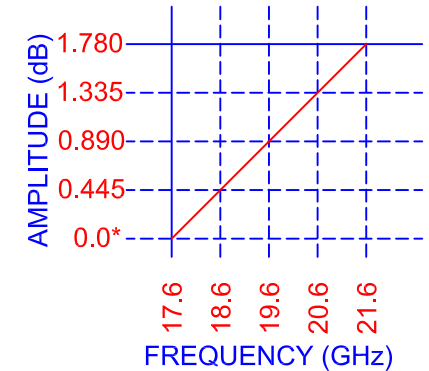
PMI MODEL NUMBER EQL-17D6G21D6G+1D78DB-292MF IS A PASSIVE AMPLITUDE EQUALIZER PROVIDING THE FOLLOWING SPECIFICATIONS. THIS EQUALIZER HAS A POSITIVE SLOPE WHICH EQUALIZES CABLE LOSS.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	9/8/14	

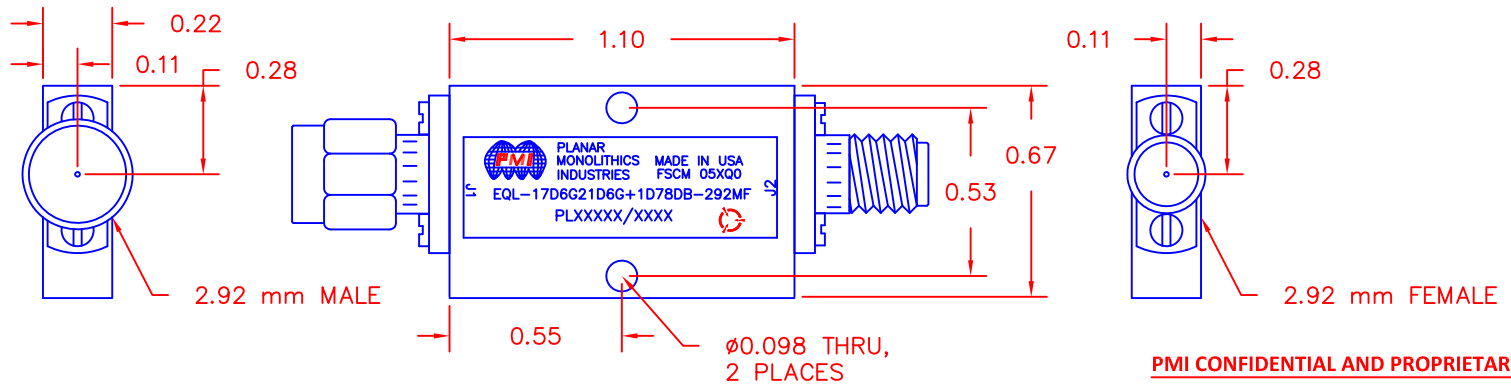
SPECIFICATIONS:

- FREQUENCY: _____ 17.6 GHz TO 21.6 GHz
- MAXIMUM INPUT POWER: _____ 0.5 WATTS CW
- VSWR: _____ 2.0 :1 MAX
- AMPLITUDE @ 17.6 GHz: _____ -3 dB MIN
- SLOPE: _____ AMPLITUDE @ 17.6 GHz
 AMPLITUDE + 1.78 dB @ 21.6 GHz
 AMPLITUDE = +0.445 dB / GHz * (FREQUENCY ABOVE 17.6 GHz in GHz) + (AMPLITUDE @ 17.6 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



*0 dB = AMPLITUDE AT 17.6 dB



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

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 ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN <i>DPD</i>		7/25/14	PRODUCT FEATURE			
CHECKED			EQL-17D6G21D6G+1D78DB-292MF			
ISSUED			SIZE	FSCM NO.	DWG NO.	REV.
			A	05XQ0	27024041	A1
SCALE N:S			SHEET 1 OF 1			