

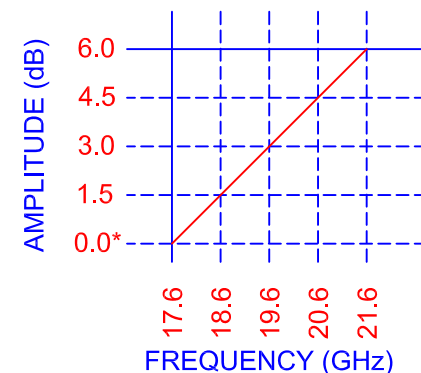
DESCRIPTION:

PMI MODEL NUMBER EQL-17D6G21D6G+6DB-292MF IS A PASSIVE AMPLITUDE EQUALIZER PROVIDING THE FOLLOWING SPECIFICATIONS. THIS EQUALIZER HAS A POSITIVE SLOPE WHICH EQUALIZES CABLE LOSS.

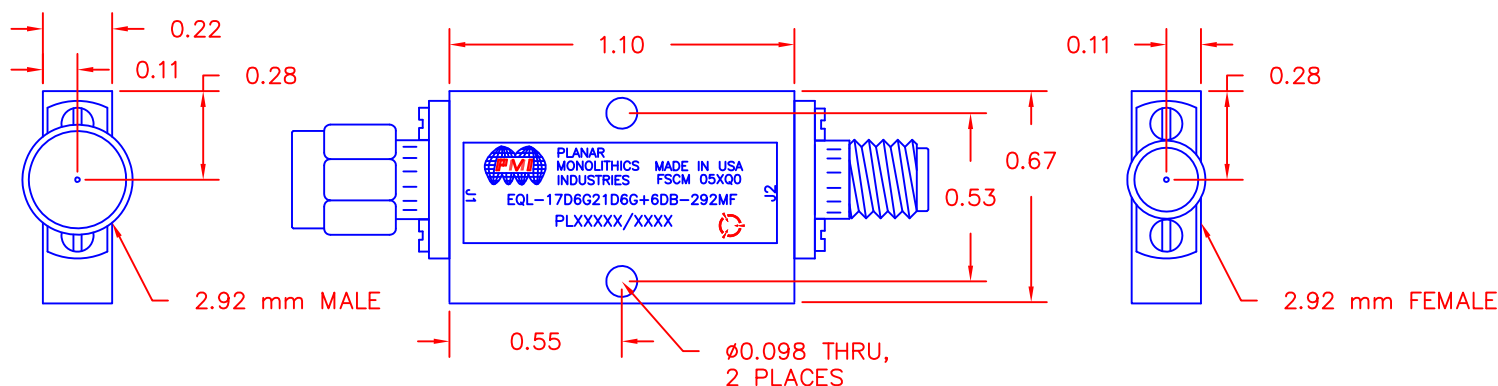
SPECIFICATIONS:

- FREQUENCY: _____ 17.6 GHz TO 21.6 GHz
- MAXIMUM INPUT POWER: _____ 0.5 WATTS CW
- VSWR: _____ 2.0 :1 MAX
- AMPLITUDE @ 17.6 GHz: _____ -7 dB MIN
- SLOPE: _____ AMPLITUDE @ 17.6 GHz
AMPLITUDE + 6 dB @ 21.6 GHz
 $\text{AMPLITUDE} = +1.5 \text{ dB / GHz} * (\text{FREQUENCY ABOVE 17.6 GHz in GHz}) + (\text{AMPLITUDE @ 17.6 GHz})$
- LINEARITY: _____ $\pm 0.5 \text{ dB}$
- CONNECTORS: _____ 2.92 mm MALE J1
2.92 mm FEMALE J2
- FINISH: _____ PAINTED BLUE

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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APPROVALS		DATE		TITLE			
DRAWN		7/25/14		PRODUCT FEATURE			
CHECKED				EQL-17D621D6+6DB-292MF			
ISSUED				SIZE	FSCM NO.	OWG NO.	REV.
				A	05XQ0	PRELIMINARY	1
				SCALE	N:S	SHEET	1 OF 1