

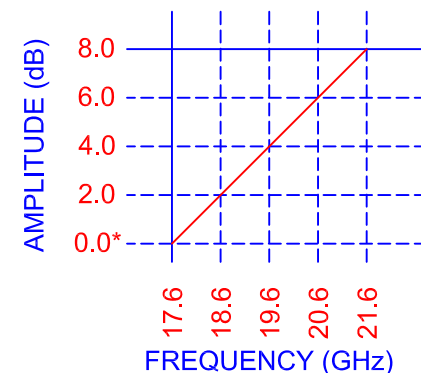
DESCRIPTION:

PMI MODEL NUMBER EQL-17D6G21D6G+8DB-292MF IS A PASSIVE AMPLITUDE EQUALIZER PROVIDING THE FOLLOWING SPECIFICATIONS. THIS EQUALIZER HAS A POSITIVE SLOPE WHICH EQUALIZES CABLE LOSS.

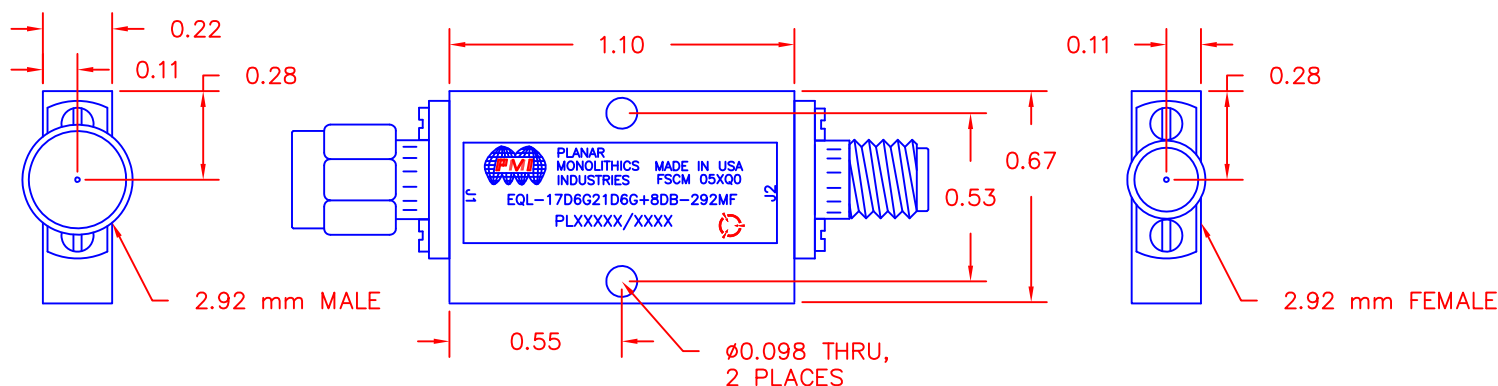
SPECIFICATIONS:

- FREQUENCY: _____ 17.6 GHz TO 21.6 GHz
- MAXIMUM INPUT POWER: _____ 0.5 WATTS CW
- VSWR: _____ 2.0 :1 MAX
- AMPLITUDE @ 17.6 GHz: _____ -9 dB MIN
- SLOPE: _____ AMPLITUDE @ 17.6 GHz
AMPLITUDE + 8 dB @ 21.6 GHz
 $\text{AMPLITUDE} = +2 \text{ dB} / \text{GHz} * (\text{FREQUENCY ABOVE } 17.6 \text{ GHz in GHz}) + (\text{AMPLITUDE @ } 17.6 \text{ GHz})$
- 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

PLANAR MONOLITHICS INDUSTRIES, INC.

7311-F GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: 301-662-5019 FAX: 301-662-1731
WEBSITE: www.pmi-rf.com
E-MAIL: sales@pmi-rf.com
ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN <i>DPD</i>		7/25/14	PRODUCT FEATURE EQL-17D621D6+8DB-292MF			
CHECKED			SIZE A	FSCM NO. 05XQ0	OWG NO. PRELIMINARY	REV. 1
ISSUED			SCALE N:S			SHEET 1 OF 1