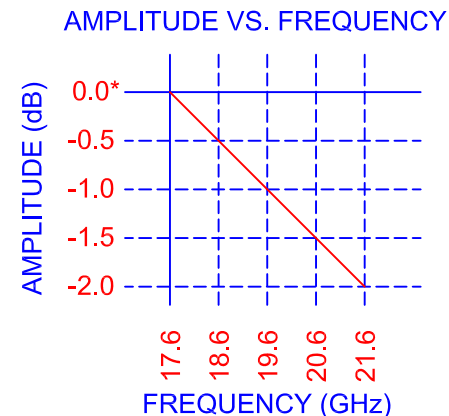


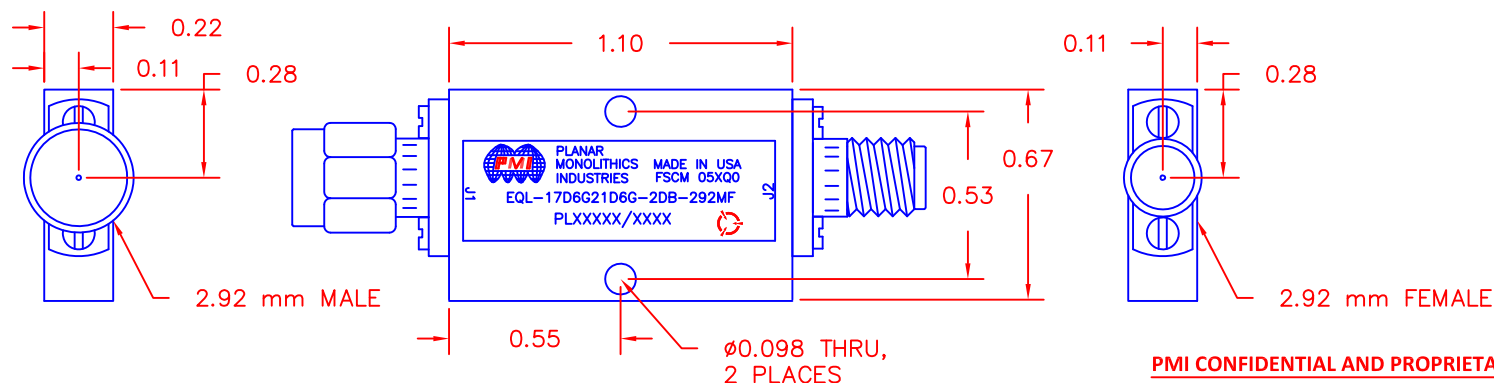
PMI MODEL NUMBER EQL-17D6G21D6G-2DB-292MF IS A PASSIVE AMPLITUDE EQUALIZER PROVIDING THE FOLLOWING SPECIFICATIONS. THIS EQUALIZER HAS A NEGATIVE SLOPE WHICH SIMULATES CABLE LOSS.

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

- FREQUENCY: _____ 17.6 GHz TO 21.6 GHz
- MAXIMUM INPUT POWER: _____ 0.5 WATTS CW
- VSWR: _____ 2.0 :1 MAX
- AMPLITUDE @ 17.6 GHz: _____ -1 dB MIN
- SLOPE: _____ AMPLITUDE @ 17.6 GHz
AMPLITUDE - 2 dB @ 21.6 GHz
AMPLITUDE = -0.5 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.



*0 dB = AMPLITUDE AT 17.6 dB



- 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.

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WEBSITE: www.pmi-rf.com
E-MAIL: sales@pmi-rf.com
ISO 9001 CERTIFIED



		TITLE PRODUCT FEATURE EQL-17D6G21D6G-2DB-292MF			
APPROVALS	DATE				
DRAWN <i>DPD</i>	<i>7/25/14</i>				
CHECKED					
ISSUED		SIZE A	FSCM NO. 05XQ0	DWG NO. 27023921	REV A1
		SCALE N:S		SHEET 1 OF 1	