

DESCRIPTION:

PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER EQ-2G18G-10DB-P-SMF IS A EQUALIZER THAT WORKS FROM 2 GHz TO 18 GHz WITH A 10dB SLOPE TO CORRECT FOR CABLE LOSS.

SPECIFICATIONS:

- FREQUENCY:..... 2 TO 18 GHz
- INSERTION LOSS:..... 2.0 dB TYP.
- VSWR:..... 1.75:1 MAXIMUM
- SLOPE: 10.0 dB TYP.
10 dB TYP @ 2 GHz
0 dB TYP @ 18 GHz
- CONNECTORS:..... SMA MALE / SMA FEMALE
- SIZE:..... 0.75 X 1.00 X .300 (H)
- WEIGHT:..... 1.5 OZ. TYPICAL
- 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.

ENVIRONMENTAL RATINGS

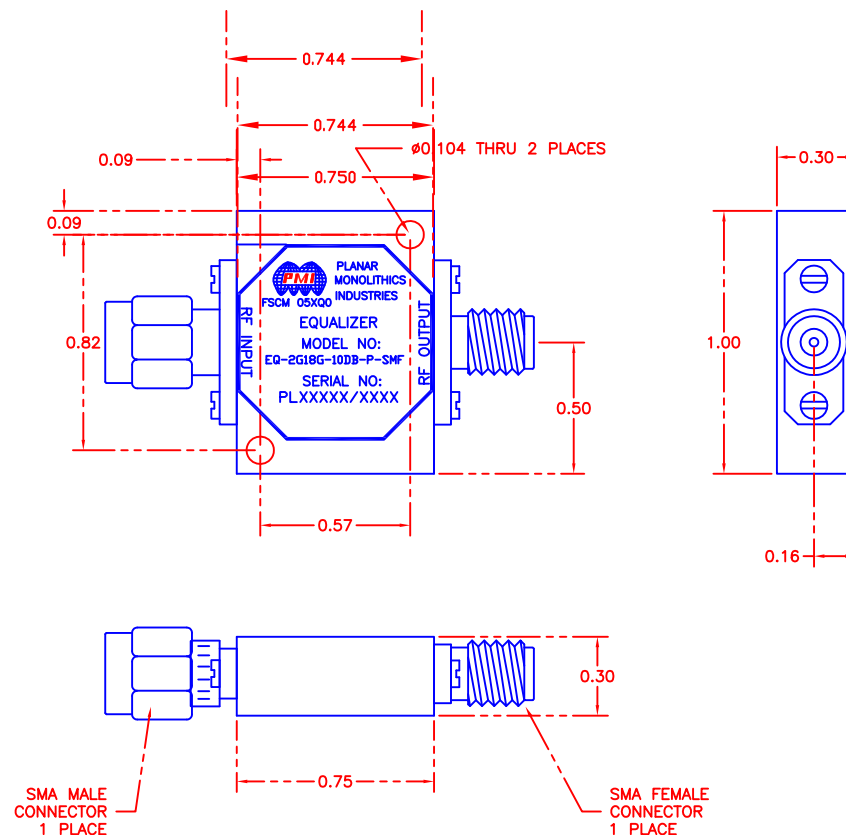
- TEMPERATURE:..... -55°C TO +125°C (OPERATING) – NOTE 1
-65°C TO +125°C (STORAGE)
- THERMAL SHOCK MIL-STD-202F, METHOD 107D COND. A
- HUMIDITY:..... MIL-STD-202F, METHOD 103B COND. B
- SALT SPRAY: MIL-STD-202F, METHOD 101D+EST, COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. C
- FUNGUS: MIL-STD-810F, METHOD 508.5

DESIGNED TO MEET ALL ENVIRONMENTAL CONDITIONS. ACTUAL TESTING AVAILABLE FOR AN ADDITIONAL CHARGE.

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	—	PRELIMINARY	4/13/17	
	1	UPDATE	12/11/17	



PMI CONFIDENTIAL AND PROPRIETARY

PART NO.		 PLANAR MONOLITHICS INDUSTRIES FREDERICK, MARYLAND	
APPROVALS	DATE	TITLE	
DRAWN S. PALABJO	4/13/17	PRODUCT FEATURE EQ-2G18G-10DB-P-SMF EQUALIZER	
CHECKED		SIZE	REV.
ISSUED		FSCM NO. A 05XQ0	1
		DWG NO. PRELIMINARY	
		SCALE N:S	SHEET 1 of 1