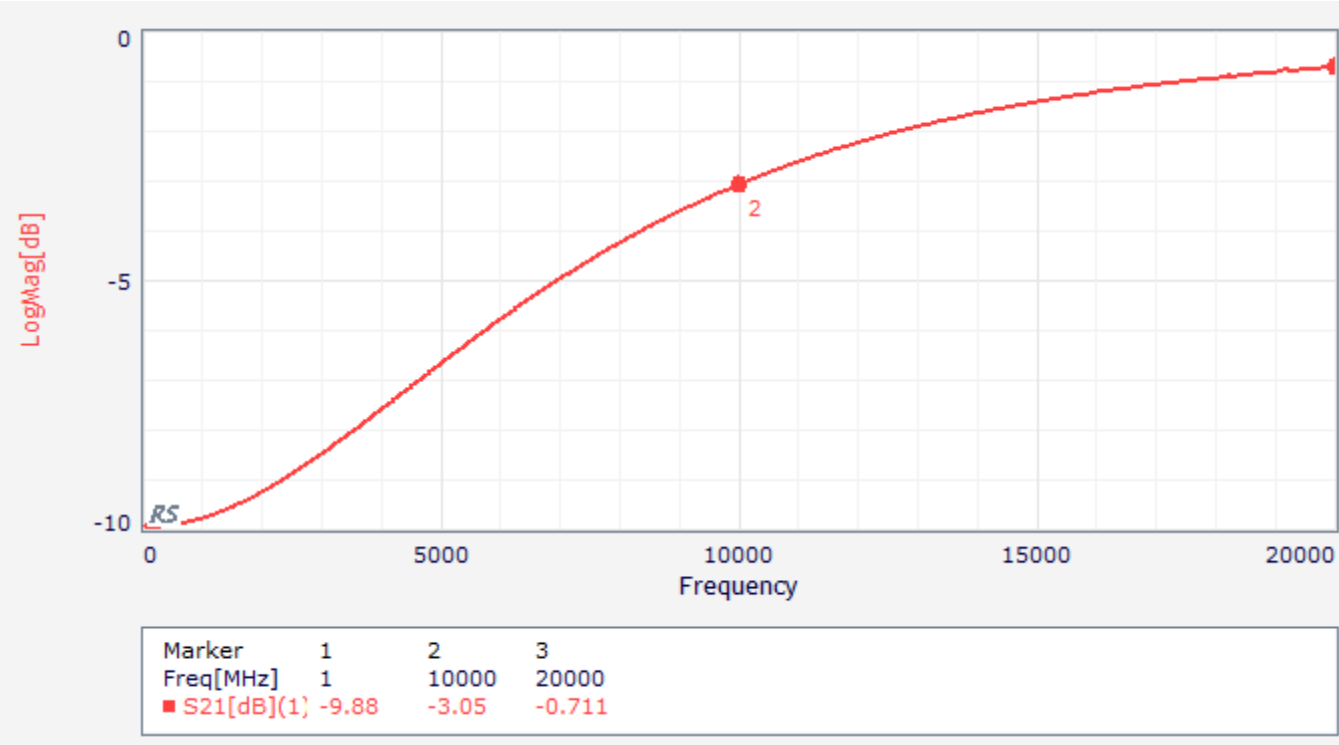


DESCRIPTION:

EQL-DC20-10-SFF IS A DC TO 20 GHz PASSIVE EQUALIZER WITH A 10 dB TYP. LOSS AT DC WITH AN INSERTION LOSS OF 1 dB TYP. AT 20 GHz. THE EQUALIZER DESIGN ALLOWS BOTH FORWARD AND REVERSE MEASUREMENT TO BE EQUIVALENT.

SPECIFICATIONS:

- FREQUENCY RANGE:.....DC TO 20 GHz
- INSERTION LOSS:.....10.0 dB @ DC TYP.
0.75 dB @ 20 GHz TYP.
- VSWR:.....1.8:1 TYP.
2.0: MAX
- NOMINAL SLOPE:.....10 dB NOM.
- WEIGHT:.....1.0 oz MAX
- CONNECTORS:.....SMA FEMALE/MALE REMOVEABLE
- FINISH:.....GOLD PLATED



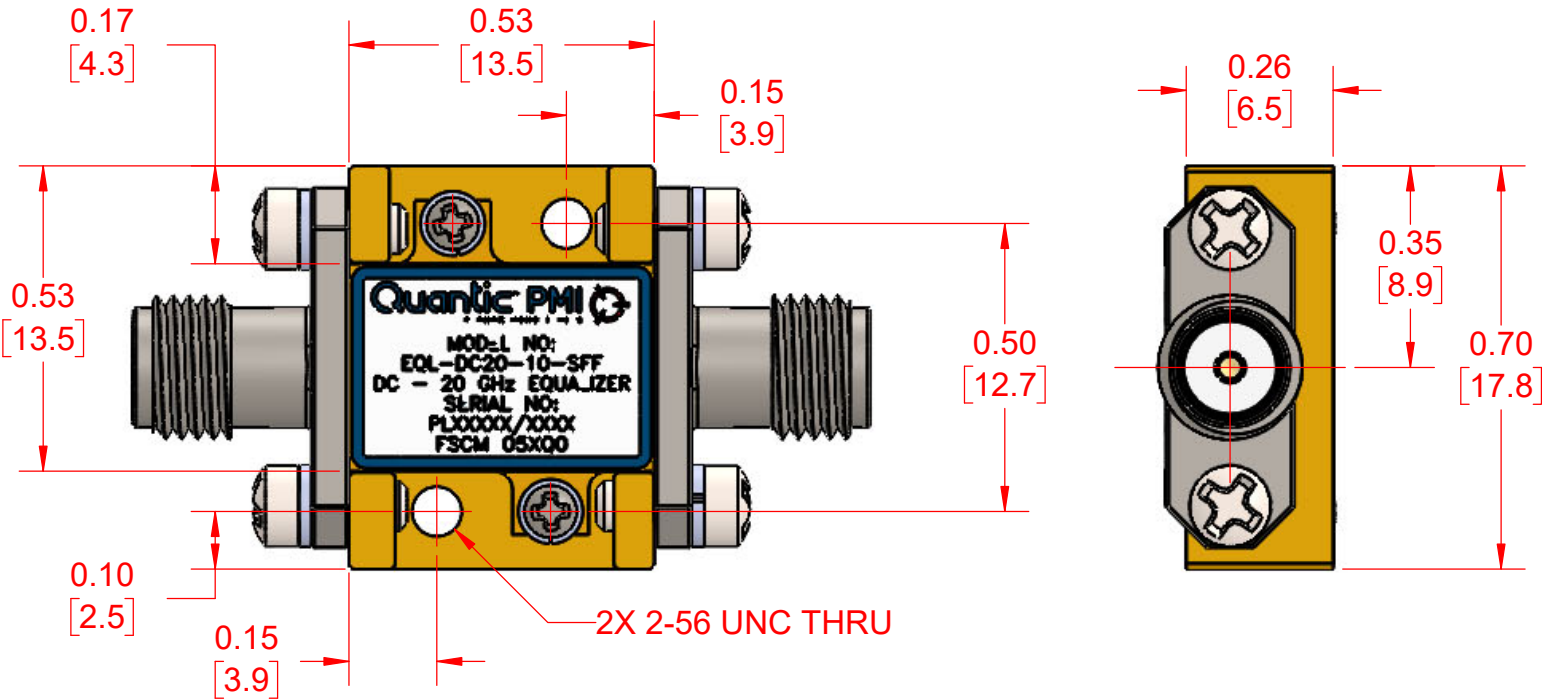
ENVIRONMENTAL RATINGS:

- TEMPERATURE:.....-55°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY:.....MIL-STD-202, METHOD 103B COND. B
- SHOCK:.....MIL-STD-202, METHOD 213B COND. B
- VIBRATION:.....MIL-STD-202, METHOD 204D COND. B
- ALTITUDE:.....MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE:.....MIL-STD-202, METHOD 107D COND. A

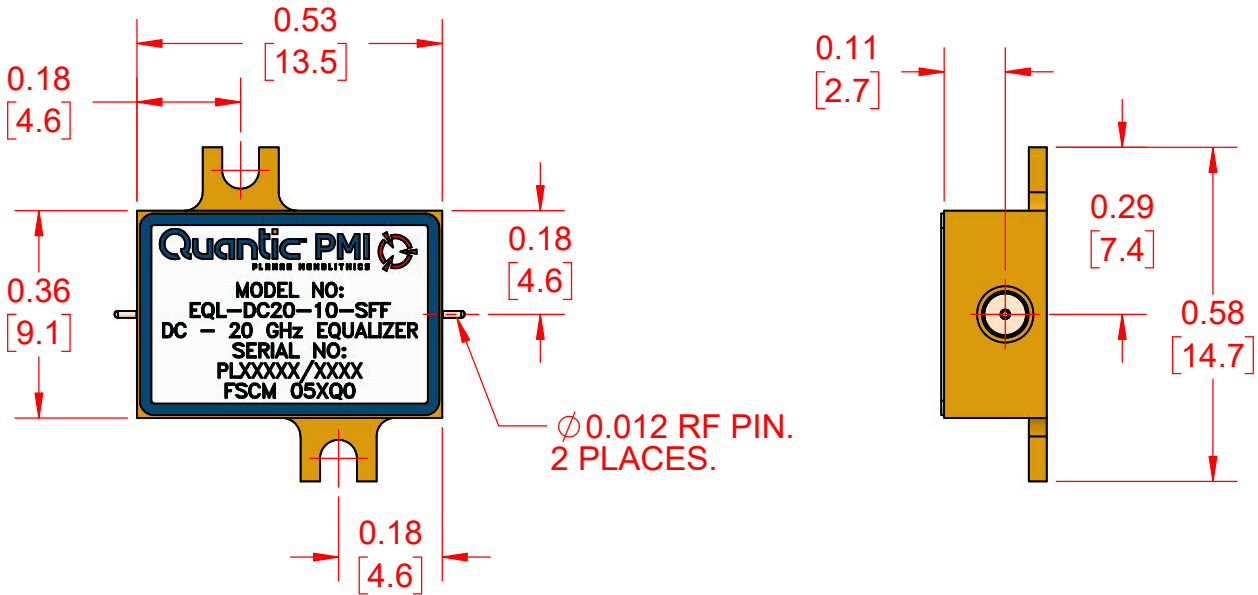
NOTE: SPECIFICATIONS WILL VARY OVER TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	4/11/2023	
	B1	ECN # 25-0015	1/22/2025	

HOUSING WITH CARRIER



HOUSING WITHOUT CARRIER (SURFACE MOUNT)



PMI CONFIDENTIAL AND PROPRIETARY

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± ± .XXX ± 0.01		APPROVALS		DATE		Quantic PMI PLANAR MONOLITHICS 7309-A GROVE ROAD FREDERICK MARYLAND 21704 USA TEL: (301) 662-5019, FAX: (301) 662-1731 WEB: WWW.QUANTICPMI.COM, EMAIL: SALES@QUANTICPMI.COM ISO 9001 CERTIFIED			
		DRAWN M LAULIS		4/11/2023		TITLE OUTLINE EQL-DC20-10-SFF			
ISSUED						SIZE B	FSCM NO. 05XQ0	DWG NO. 27046260	REV. B1
						SCALE 3:1		SHEET 1 OF 1	