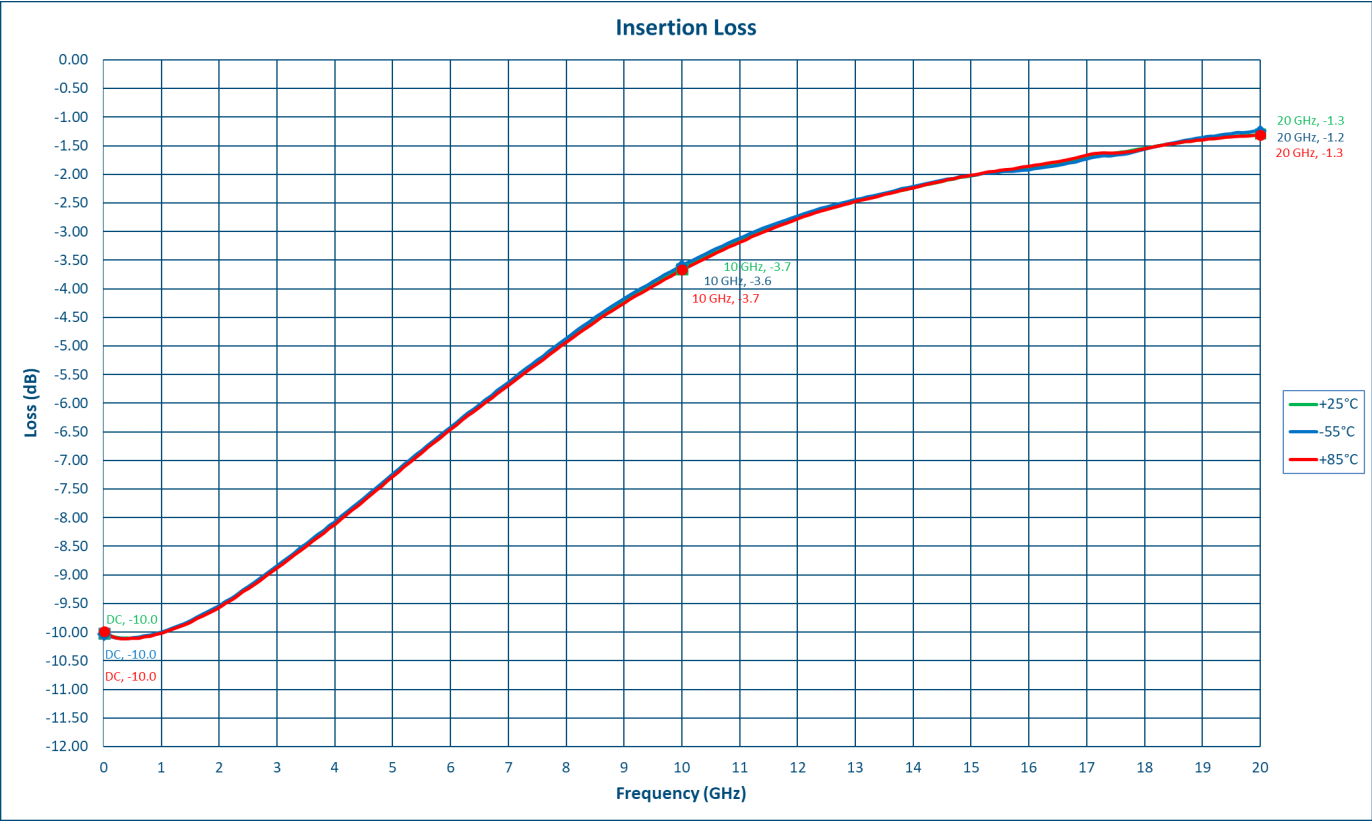


DESCRIPTION:

EQL-DC20-10-SFM IS A DC TO 20 GHz PASSIVE EQUALIZER WITH A 10 dB TYP. LOSS AT DC WITH AN INSERTION LOSS OF 1.5 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.
1.5 dB @ 20 GHz TYP.
- VSWR:.....1.8:1 TYP.
2.0: MAX
- NOMINAL SLOPE:.....SEE PLOT
- WEIGHT:.....1.0 oz MAX
- CONNECTORS:.....SMA FEMALE/MALE REMOVEABLE
- FINISH:.....GOLD PLATED



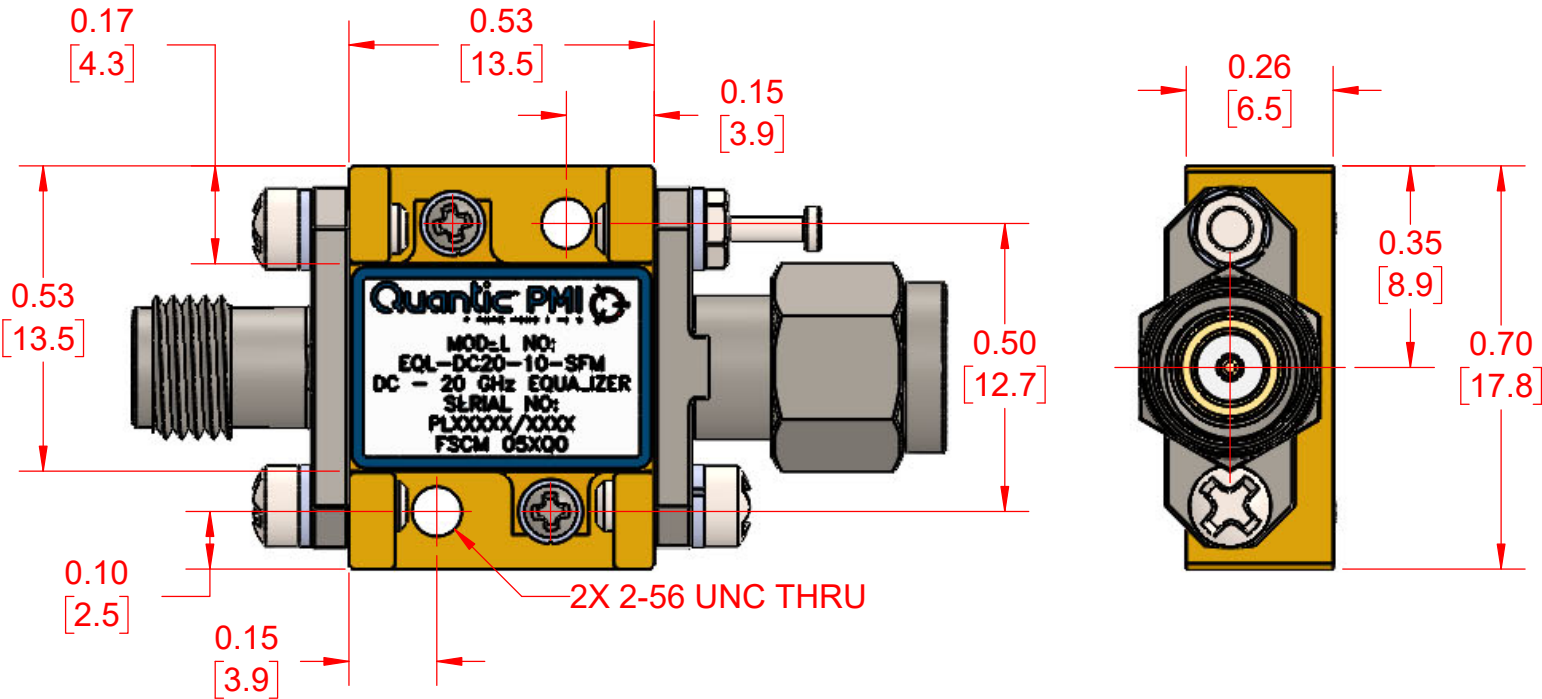
ENVIRONMENTAL RATINGS:

- 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

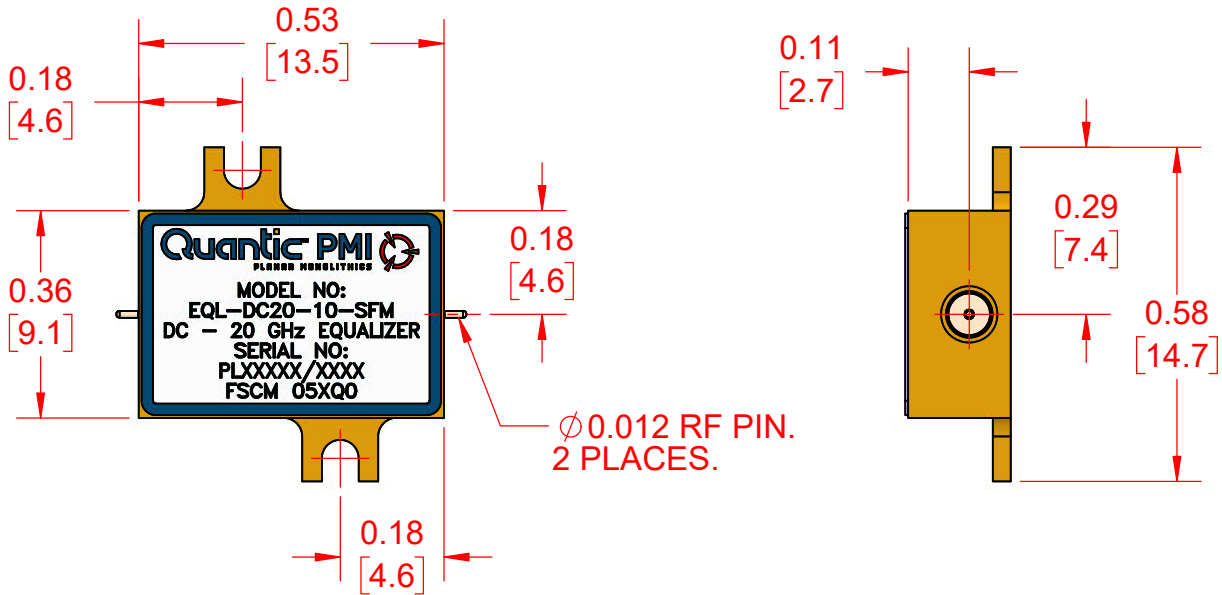
NOTE: SPECIFICATIONS WILL VARY OVER TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	2/17/2023	
	B1	ECN # 25-0015	1/22/2025	

HOUSING WITH CARRIER



HOUSING WITHOUT CARRIER (SURFACE MOUNT)



PMI CONFIDENTIAL AND PROPRIETARY

					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												
					APPROVALS		DATE										
			DRAWN J ESCANO		2/17/2023		TITLE										
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: <table><tr><td>FRACTIONS</td><td>DECIMALS</td><td>ANGLES</td></tr><tr><td>±</td><td>.XX ± 0.02</td><td>±</td></tr><tr><td></td><td>.XXX ± 0.01</td><td></td></tr></table>			FRACTIONS	DECIMALS	ANGLES	±	.XX ± 0.02	±		.XXX ± 0.01		REDRAWN			OUTLINE		
			FRACTIONS	DECIMALS	ANGLES												
			±	.XX ± 0.02	±												
	.XXX ± 0.01																
ISSUED			EQL-DC20-10-SFM														
			SIZE	FSCM NO.	DWG NO.		REV.										
			B	05XQ0	27045940		B1										
			SCALE 3:1		SHEET 1 OF 1												