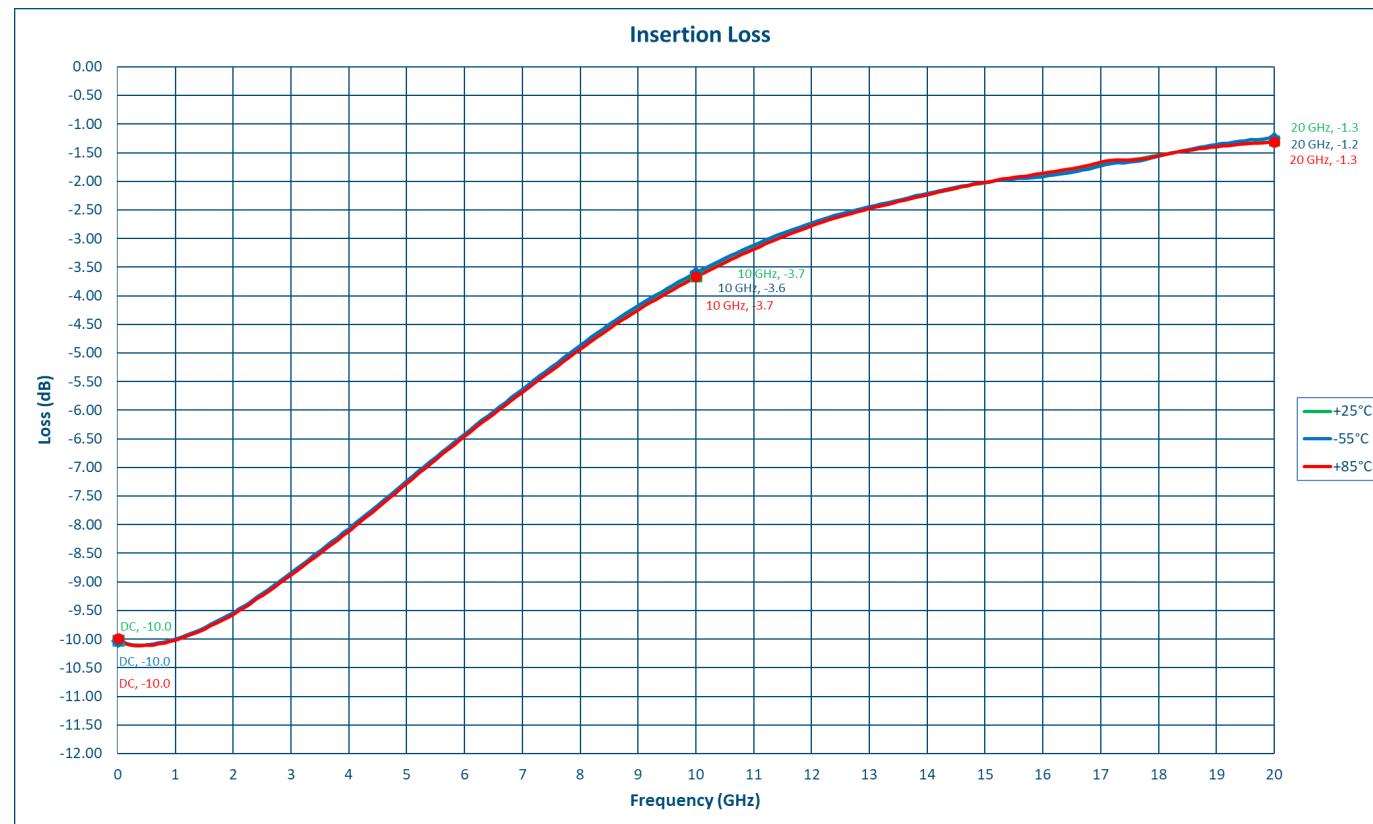


**DESCRIPTION:**

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



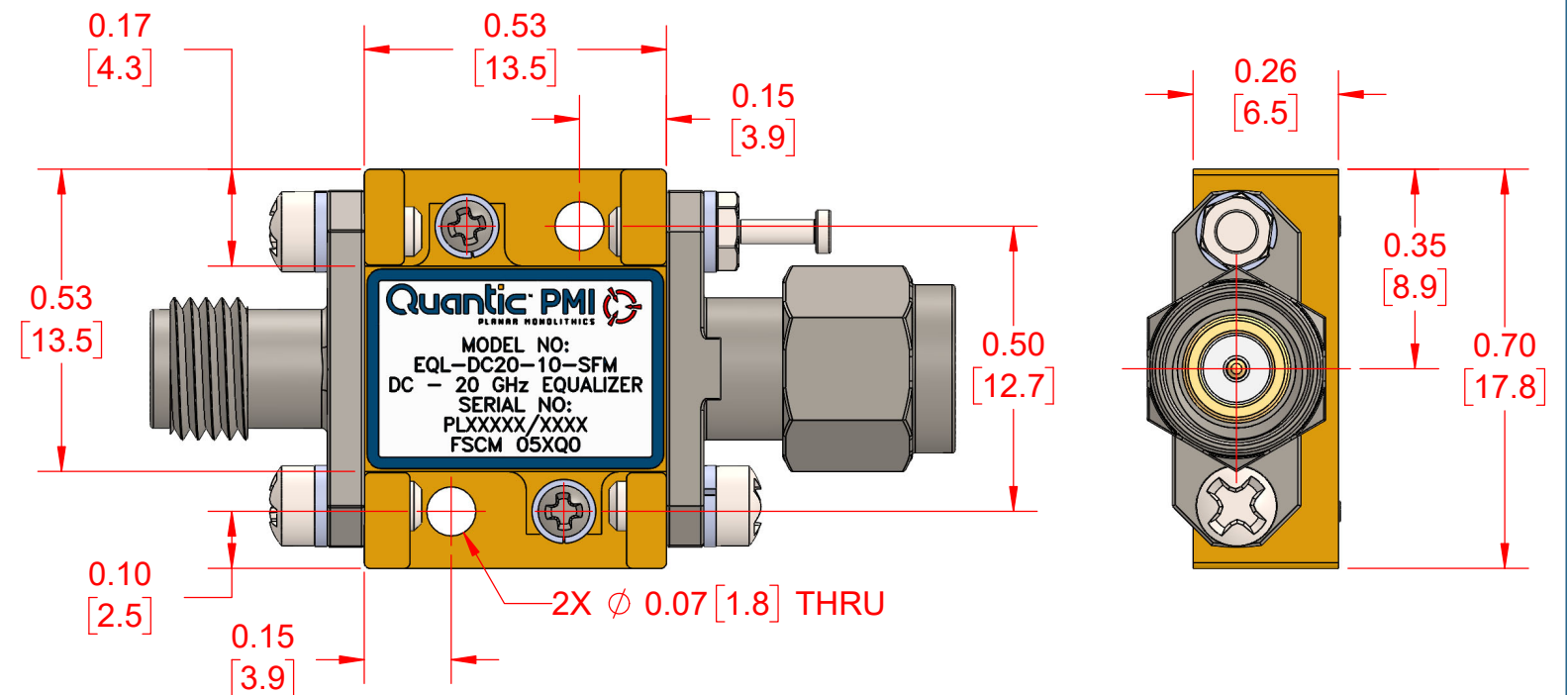
**ENVIRONMENTAL RATINGS:**

- 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

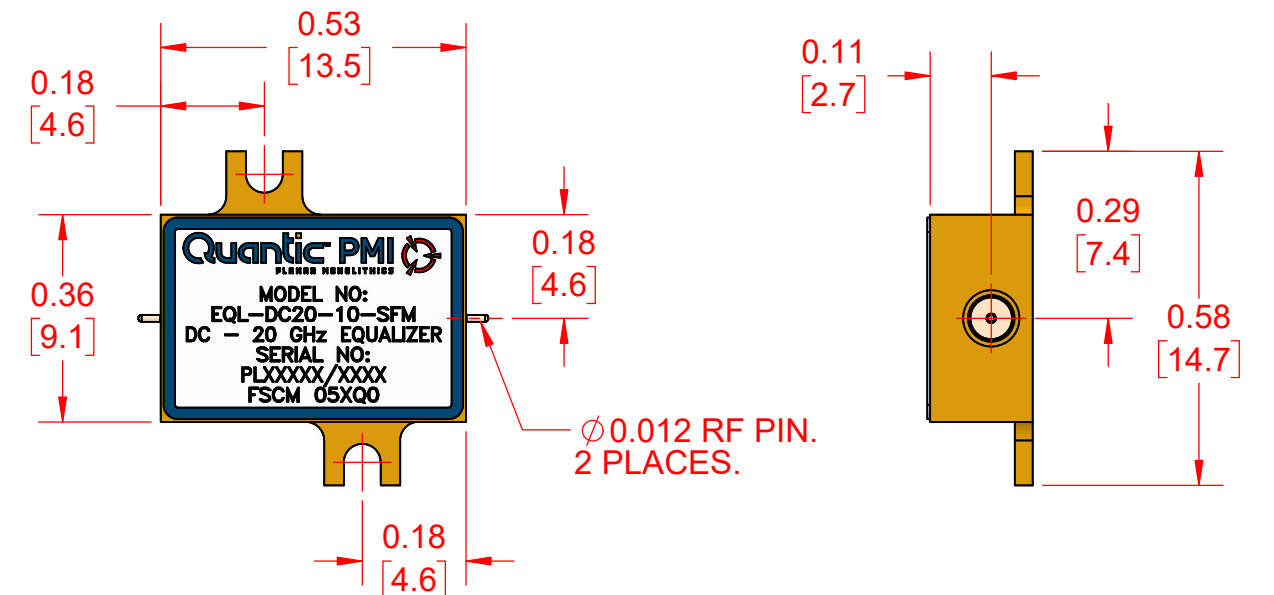
NOTE: SPECIFICATIONS WILL VARY OVER TEMPERATURE  
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	2/17/2023	

**HOUSING WITH CARRIER**



**HOUSING WITHOUT CARRIER (SURFACE MOUNT)**



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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± ± .XXX ± 0.01		<table border="1"> <thead> <tr> <th>APPROVALS</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DRAWN <b>J ESCANO</b></td> <td>2/17/2023</td> </tr> <tr> <td>REDAWN</td> <td></td> </tr> <tr> <td>ISSUED</td> <td></td> </tr> </tbody> </table>		APPROVALS	DATE	DRAWN <b>J ESCANO</b>	2/17/2023	REDAWN		ISSUED		<p><b>Quantic PMI</b> 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</p>	
APPROVALS	DATE												
DRAWN <b>J ESCANO</b>	2/17/2023												
REDAWN													
ISSUED													
TITLE OUTLINE EQL-DC20-10-SFM		SIZE B	FSCM NO. 05XQ0	DWG NO. 26945940	REV. A1								
SCALE 3:1		SHEET 1 OF 1											