

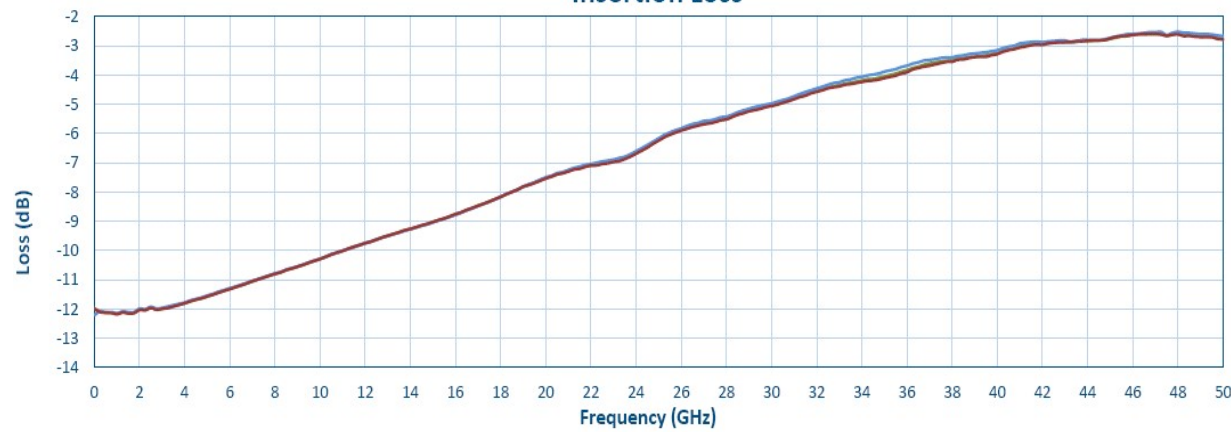
DESCRIPTION:

EQL-DC50-13-24FF IS A DC TO 50 GHz PASSIVE EQUALIZER WITH A 13 dB MAX LOSS AT 10MHz WITH A INSERTION LOSS OF 3.0 dB MAX AT 50 GHz. THE EQUALIZER DESIGN ALLOWS BOTH FORWARD AND REVERSE MEASUREMENT TO BE EQUIVALENT.

SPECIFICATIONS:

- FREQUENCY RANGE:..... 10 MHz TO 50 GHz
- INSERTION LOSS:..... 13.0 dB @ 10MHz - 2GHz MAX
3.0 dB @ 45 - 50GHz MAX
- INPUT POWER: +28 dBm MAX
- VSWR:..... 1.6:1 TYP.
1.8:1 MAX
- SLOPE:..... 0.25 ± 0.06 dB/GHz MAX
- AMPLITUDE ACCURACY:..... ± 2 dB MAX (COMPARED TO BEST FIT STRAIGHT LINE)
- WEIGHT:..... 10g MAX
- CONNECTORS:..... 2.4mm FEMALE REMOVABLE
- FINISH:..... GOLD PLATED

Insertion Loss



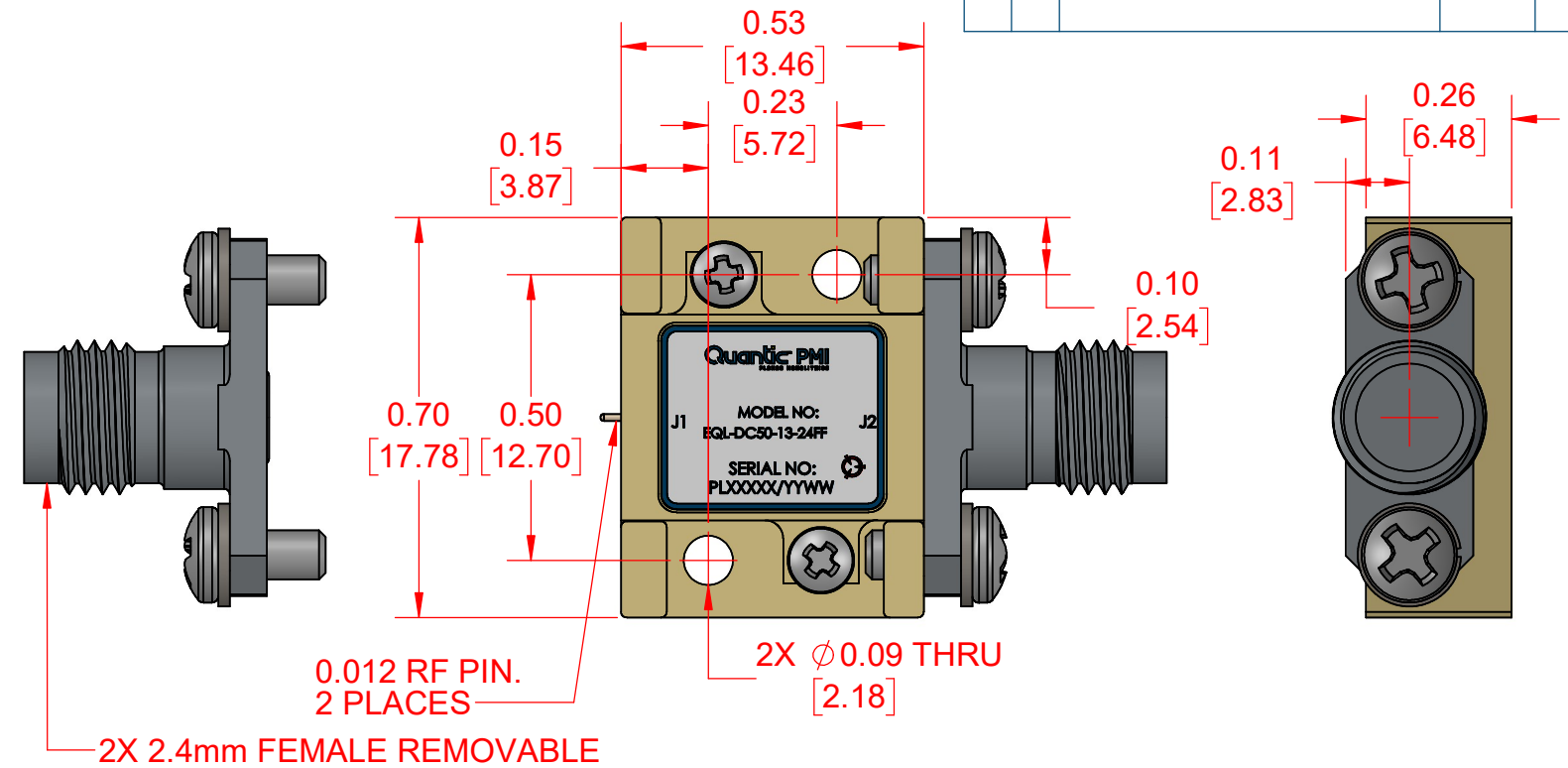
ENVIRONMENTAL RATINGS:

- 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

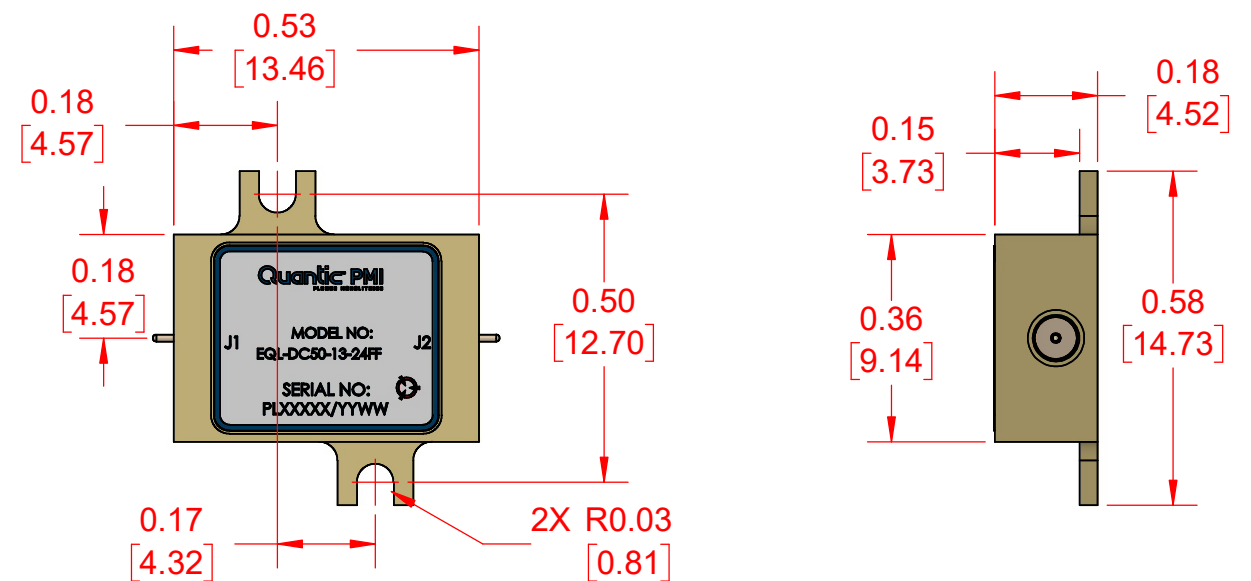
NOTE: SPECIFICATIONS WILL VARY OVER TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	12/8/2022	

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	 7309-A GROVE ROAD FREDERICK MARYLAND 21704 USA TEL: (301) 662-5019, FAX: (301) 662-1731 WEB: WWW.PMI-RF.COM, EMAIL: SALES@PMI-RF.COM ISO 9001 CERTIFIED	
DRAWN S AZHAR REDRAWN		ISSUED		TITLE OUTLINE EQL-DC50-13-24FF		
SIZE B	FSCM NO. 05XQ0	DWG NO. 27044560	REV.			
SCALE 4:1			SHEET 1 OF 1			