

DESCRIPTION:

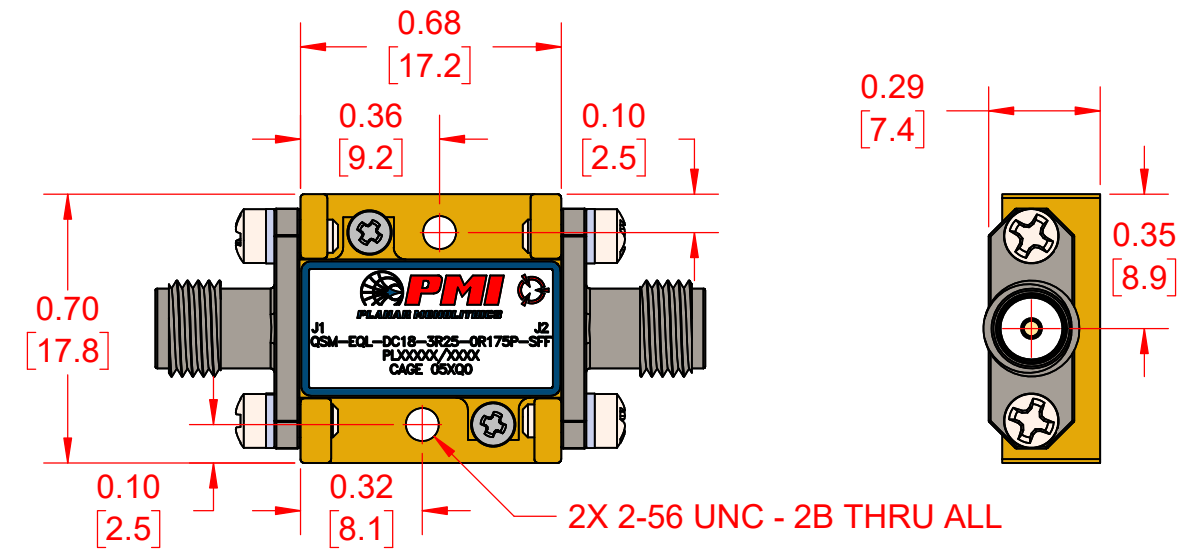
PMI MODEL NUMBER QSM-EQL-DC18-3R25-0R175P-SFF IS A DC TO 18 GHz EQUALIZER. THIS EQUALIZER IS SUPPLIED IN OUR STANDARD PEAFS3 HOUSING THAT CAN BE USED AS A SMA CONNECTORIZED OR SURFACE MOUNT COMPONENT.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	10/21/2025	

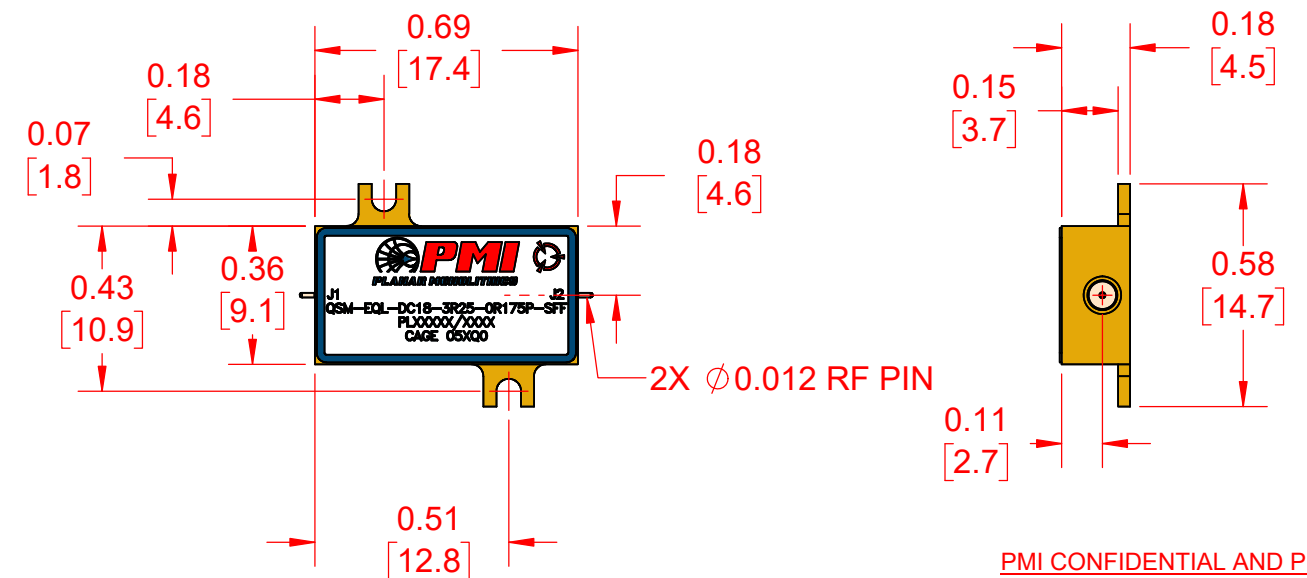
SPECIFICATIONS:

- FREQUENCY RANGE:..... DC TO 18 GHz
- INSERTION LOSS @ 18 GHz:..... 1 dB MAX
0.75 dB TYP
- NOMINAL SLOPE:..... 0.18 dB/GHz NOM
- SLOPE LINEARITY:..... ±0.75 dB MAX
(FROM BEST FIT STRAIGHT LINE)
- VSWR:..... 2.0:1 MAX
- RF INPUT POWER:..... +30 dBm MAX
- CONNECTORS:..... SMA FEMALE CONNECTORS
- FINISH:..... GOLD PLATED

HOUSING WITH CARRIER



HOUSING WITHOUT CARRIER (SURFACE MOUNT)




ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -40°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY:..... MIL-STD-202, METHOD 103 COND. B
- SHOCK:..... MIL-STD-202, METHOD 213 COND. B
- VIBRATION:..... MIL-STD-202, METHOD 204 COND. B
- ALTITUDE:..... MIL-STD-202, METHOD 105 COND. B
- TEMPERATURE CYCLE:..... MIL-STD-202, METHOD 107 COND. A

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

PMI CONFIDENTIAL AND PROPRIETARY

APPROVALS DRAWN R. SIRK REDRAWN ISSUED		DATE		 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	
		10/21/2025			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± .XXX ± 0.01				TITLE OUTLINE QSM-EQL-DC18-3R25-0R175P-SFF	
SIZE		FSCM NO.	DWG NO.	REV.	
B		05XQ0	27053620	A1	
SCALE 2:1				SHEET 1 OF 1	