

DESCRIPTION:

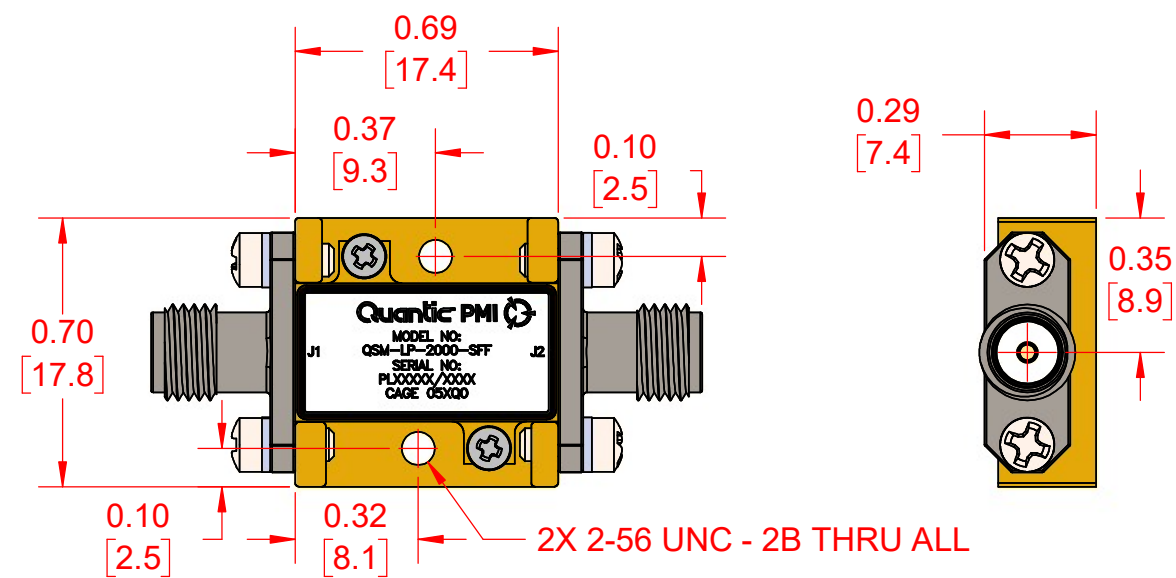
PMI MODEL NUMBER QSM-LP-2000-SFF IS A LOWPASS FILTER WITH SMA FEMALE CONNECTORS IN AND OUT.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	1/24/2024	
	B1	ECN # 25-0081	3/17/2025	

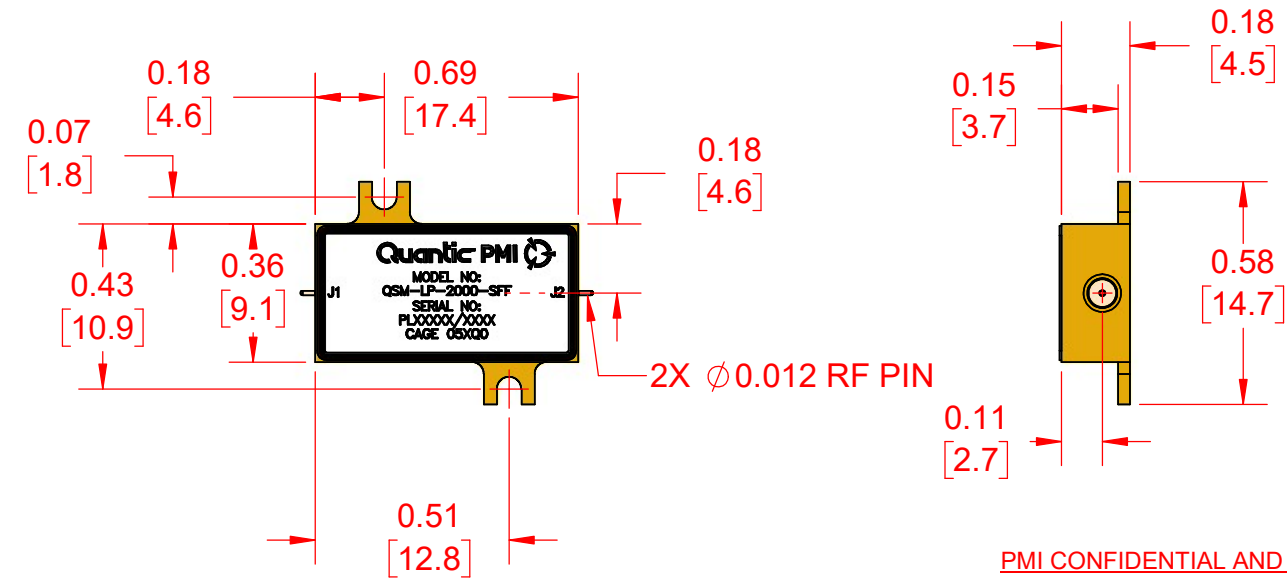
SPECIFICATIONS:

- FREQUENCY RANGE:..... DC TO 6.0 GHz
- PASSBAND:..... DC TO 2.0 GHz
- 3 dB CUTOFF:..... 2.0 GHz MIN
- VSWR (PASSBAND):..... 2.0:1 MAX
- INSERTION LOSS (PASSBAND):..... 3 dB MAX
- REJECTION AT 6 GHz:..... -40 dBc MIN
- CONNECTORS:..... SMA FEMALE CONNECTORS
- FINISH:..... GOLD PLATED

HOUSING WITH CARRIER



HOUSING WITHOUT CARRIER (SURFACE MOUNT)



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
- TEMPERATURE CYCLE:..... MIL-STD-202, METHOD 107D

PMI CONFIDENTIAL AND PROPRIETARY

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

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 R. SARK REDRAWN	1/24/2024				
		ISSUED		TITLE OUTLINE QSM-LP-2000-SFF			
				SIZE B	FSCM NO. 05XQ0	DWG NO. 27048120	REV. B1
				SCALE 2:1		SHEET 1 OF 1	