

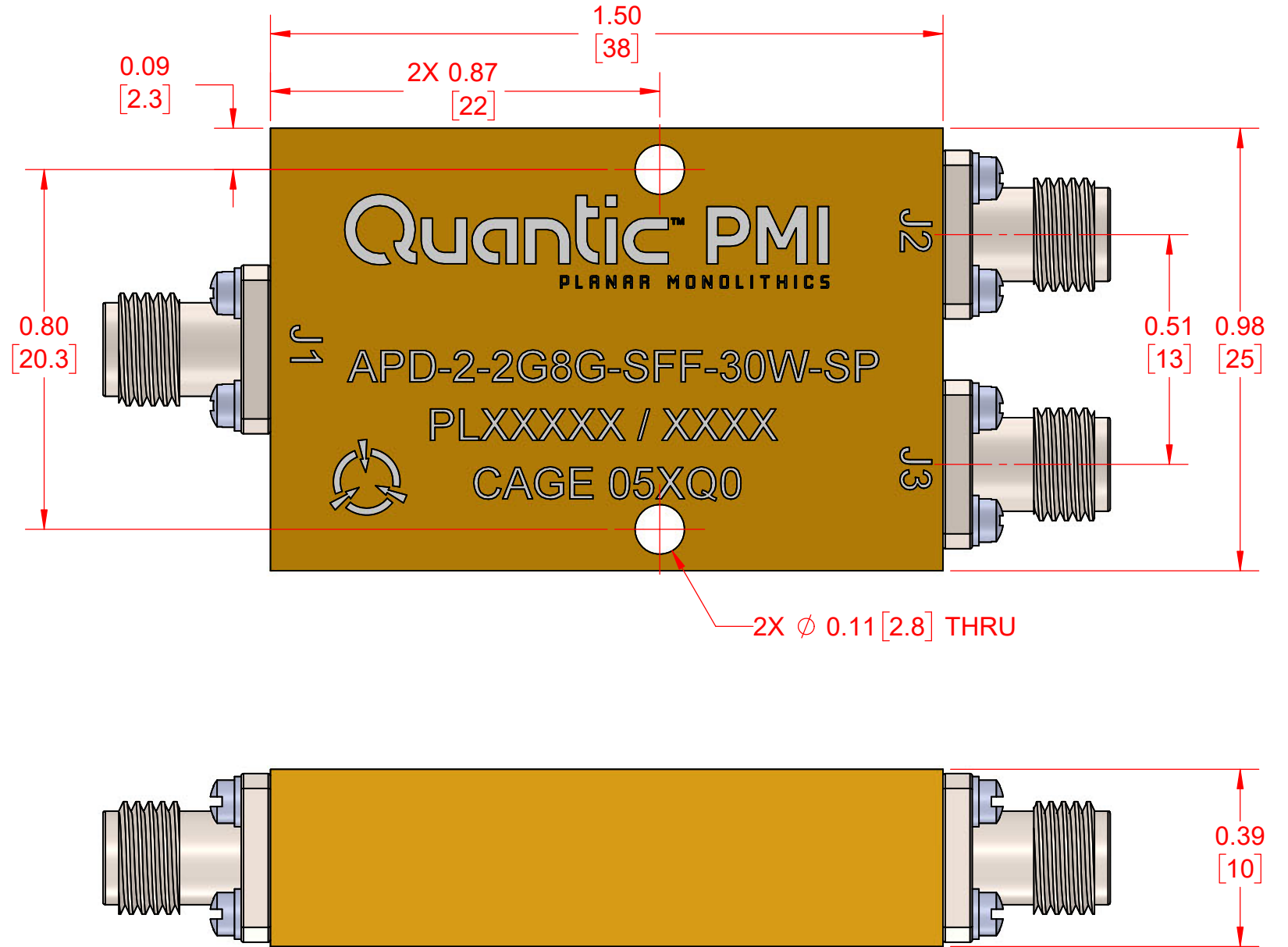
DESCRIPTION:

PMI MODEL NUMBER APD-2-2G8G-SFF-30W-SP IS A TWO-WAY POWER DIVIDER THAT OPERATES OVER THE 2.0 TO 8.0 GHz FREQUENCY RANGE.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	4/29/2025	

SPECIFICATIONS:

- FREQUENCY RANGE:..... 2.0 TO 8.0 GHz
- INSERTION LOSS:..... 0.6 dB MAX (ABOVE 3.01 dB SPLIT)
- VSWR:..... 1.3:1 (J1) MAX
1.2:1 (J2, J3) MAX
- ISOLATION:..... 20 dB MIN
- AMPLITUDE BALANCE:..... ±0.2 dB MAX
- PHASE BALANCE:..... ±2° MAX
- POWER HANDLING:..... FORWARD: 30 WATTS MAX
REVERSED: 1 WATT MAX
- IMPEDANCE:..... 50 OHMS
- CONNECTORS:..... SMA FEMALE (MECHANICALLY CAPTIVATED)
- FINISH:..... GOLD PLATED



ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -55°C TO +95°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY:..... MIL-STD-202, METHOD 103B COND. B
- VIBRATION:..... NASA GSFC-STD-7000B TABLE 2.4-3, ACCEPTANCE LEVELS
- SHOCK:..... MIL-STD-810 H, METHOD 513.8
- ALTITUDE:..... MIL-STD-202, METHOD 105C COND. G
- TEMPERATURE CYCLE:..... MIL-STD-202, METHOD 107D COND. A

PMI CONFIDENTIAL AND PROPRIETARY

<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.010 ± .XXX ± 0.005 ±</small>	PART NO.		 <small>7309-A GROVE ROAD FREDERICK MARYLAND 21704 USA TEL: (301) 862-5019, FAX: (301) 662-1731 WEB: WWW.QUANTICPMI.COM, EMAIL: SALES@QUANTICPMI.COM ISO 9001 CERTIFIED</small>		
	APPROVALS	DATE			
	DRAWN SAZHAR	4/29/2025	TITLE OUTLINE APD-2-2G8G-SFF-30W-SP		
	ISSUED		SIZE B	FSCM NO. 05XQ0	DWG NO. 27051720
SCALE 3:1			SHEET 1 OF 1		