

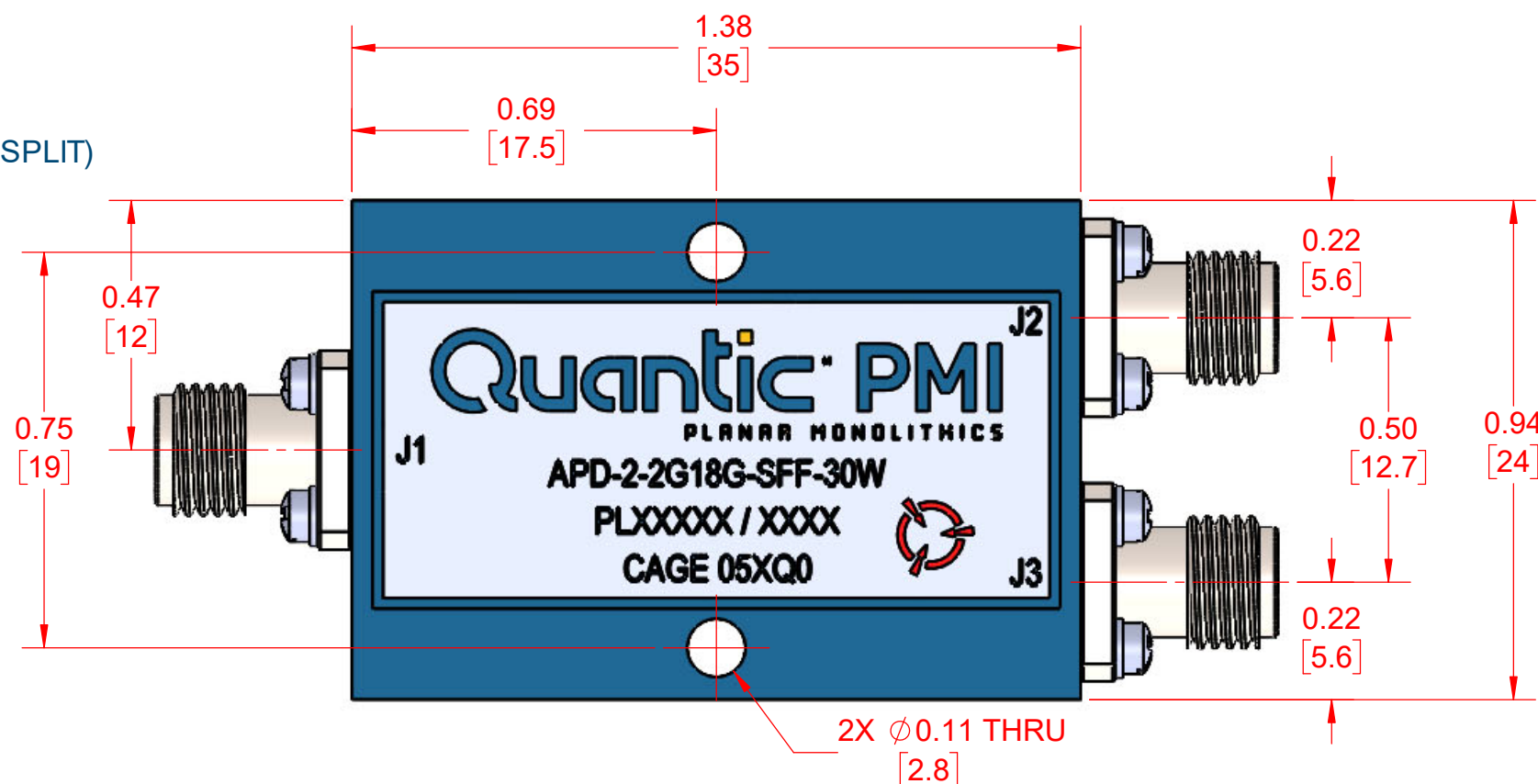
DESCRIPTION:

PMI MODEL NUMBER APD-2-2G18G-SFF-30W IS A TWO WAY POWER DIVIDER FEATURING HIGH ISOLATION, LOW INSERTION LOSS, LOW VSWR, AND HAS EXCELLENT PHASE AND AMPLITUDE BALANCE.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	1/22/2024	
	A2	ECN # 25-0266	9/10/2025	
	A3	ECN # 25-0282	10/9/2025	

SPECIFICATIONS:

- FREQUENCY RANGE:..... 2.0 TO 18.0 GHz
- INSERTION LOSS:..... 1.0 dB MAX (ABOVE 3.01 dB SPLIT)
- VSWR:..... 1.4:1 MAX
- ISOLATION:..... 20 dB MIN
- AMPLITUDE BALANCE:..... ±0.3 dB MAX
- PHASE BALANCE:..... ±3° MAX
- POWER HANDLING:..... FORWARD: 30 W MAX
REVERSED: 1 W MAX
- IMPEDANCE:..... 50Ω
- CONNECTORS:..... SMA FEMALE
- FINISH:..... PAINTED BLUE



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

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 S AZHAR REDRAWN	1/22/2024		
		ISSUED		SIZE B	FSCM NO. 05XQ0
				DWG NO. 27048000	REV. A3
				SCALE 2:1	SHEET 1 OF 1