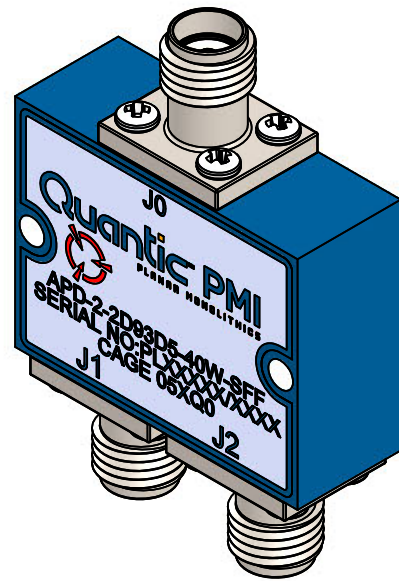


DESCRIPTION:

PMI MODEL NUMBER APD-2-2D93D5-40W-SFF A 2-WAY POWER DIVIDER OPERATING OVER THE 2.9 TO 3.5 GHz FREQUENCY RANGE. THIS POWER DIVIDER DEMONSTRATES A MAXIMUM INSERTION LOSS OF 0.25 dB (ABOVE 3.01 dB SPLIT) AND A MINIMUM ISOLATION OF 23 dB.

SPECIFICATIONS:

- FREQUENCY RANGE:..... 2.9 TO 3.5 GHz
- INSERTION LOSS:..... 0.25 dB MAX
(ABOVE 3.01 dB SPLIT)
- VSWR:..... INPUT: 1.30:1 MAX
OUTPUT: 1.20:1 MAX
- ISOLATION:..... 23 dB MIN.
- AMPLITUDE BALANCE:..... ±0.1 dB MAX
- PHASE BALANCE:..... ±2° MAX
- POWER HANDLING:..... FORWARD 40 W MAX
REVERSED 1 W MAX
- PORT CONNECTORS:..... SMA FEMALE
- FINISH:..... PAINTED BLUE

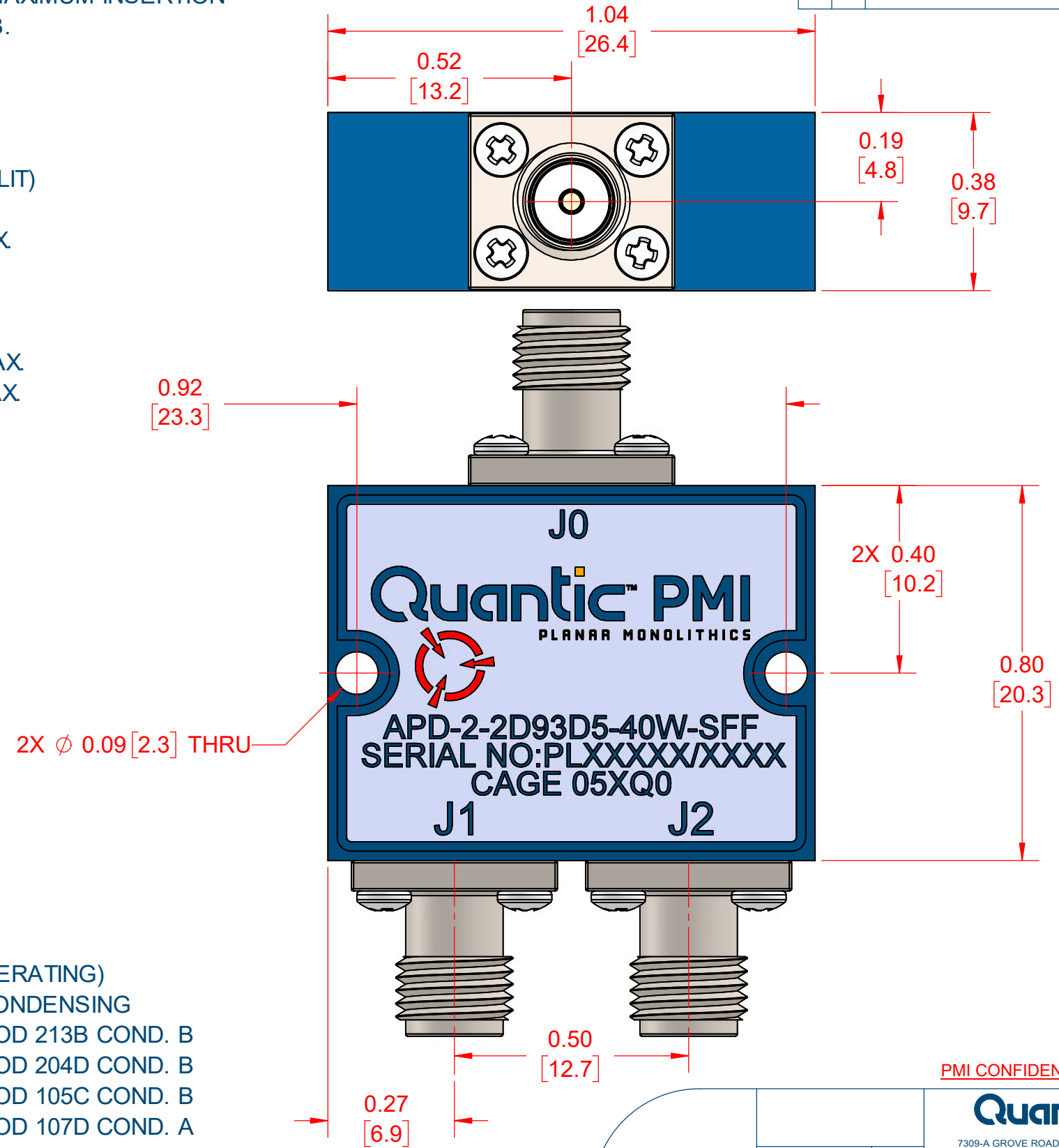


ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -55°C TO +85°C (OPERATING)
- HUMIDITY:..... UP TO 95%, NON-CONDENSING
- 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	10/27/2025	



PMI CONFIDENTIAL AND PROPRIETARY

APPROVALS DRAWN V. PRATAP REDRAWN ISSUED		DATE 10/27/2025	TITLE OUTLINE APD-2-2D93D5-40W-SFF		SIZE B	FSCM NO. 05XQ0	DWG NO. 27053260	REV. A1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± .XXX ± 0.01			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		SCALE 2:1		SHEET 1 OF 1	