

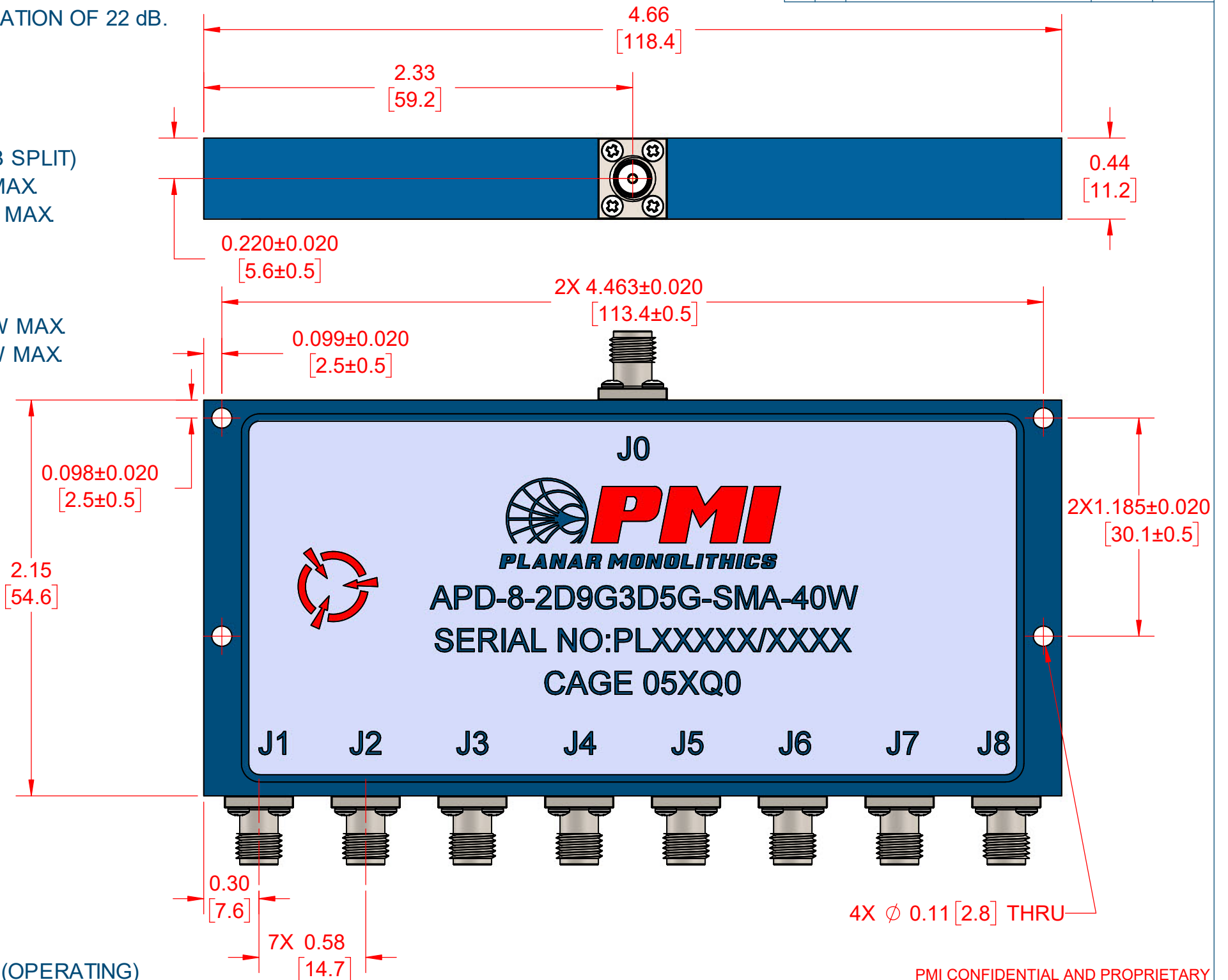
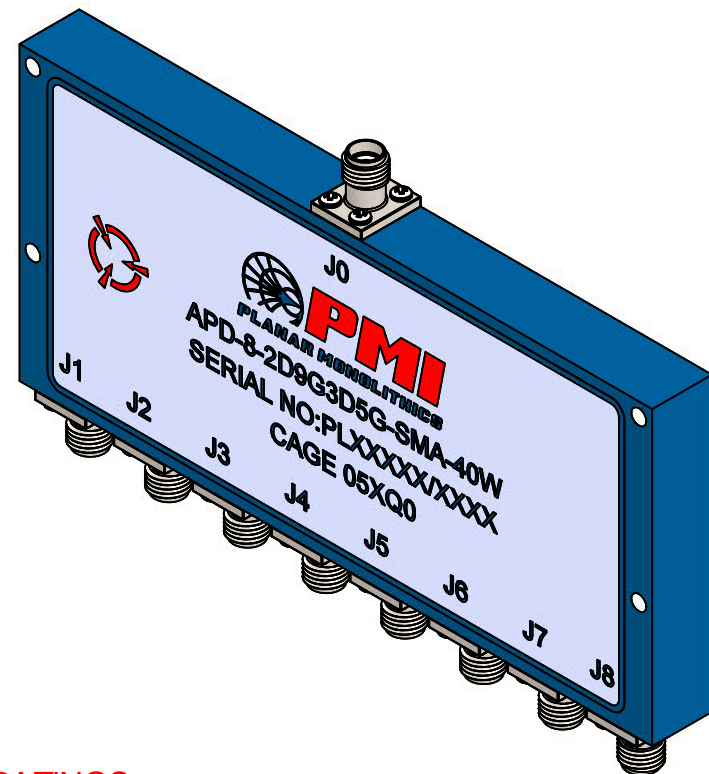
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	10/23/2025	

DESCRIPTION:

PMI MODEL NUMBER APD-8-2D9G3D5G-SMA-40W IS AN 8-WAY POWER DIVIDER OPERATING OVER THE 2.9 TO 3.5 GHz FREQUENCY RANGE. THIS POWER DIVIDER DEMONSTRATES A MAXIMUM INSERTION LOSS OF 0.6 dB (ABOVE 9.03 dB SPLIT), AND A MINIMUM ISOLATION OF 22 dB.

SPECIFICATIONS:

- FREQUENCY RANGE:..... 2.9 TO 3.5 GHz
- INSERTION LOSS:..... 0.6 dB MAX
(ABOVE 9.03 dB SPLIT)
- VSWR:..... INPUT: 1.35 :1 MAX
OUTPUT: 1.22:1 MAX
- ISOLATION:..... 22 dB MIN.
- AMPLITUDE BALANCE:..... ±0.2 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

PMI CONFIDENTIAL AND PROPRIETARY

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± XXX ± 0.01		<table border="1"> <thead> <tr> <th>APPROVALS</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DRAWN V. PRATAP</td> <td>10/23/2025</td> </tr> <tr> <td>REDRAWN</td> <td></td> </tr> <tr> <td>ISSUED</td> <td></td> </tr> </tbody> </table>		APPROVALS	DATE	DRAWN V. PRATAP	10/23/2025	REDRAWN		ISSUED		<table border="1"> <tr> <td colspan="2">  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 </td> <td colspan="2"> TITLE OUTLINE APD-8-2D9G3D5G-SMA-40W </td> </tr> <tr> <td>SIZE B</td> <td>FSCM NO. 05XQ0</td> <td>DWG NO. 27053240</td> <td>REV. A1</td> </tr> <tr> <td colspan="2">SCALE 1:1</td> <td colspan="2">SHEET 1 OF 1</td> </tr> </table>		 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		TITLE OUTLINE APD-8-2D9G3D5G-SMA-40W		SIZE B	FSCM NO. 05XQ0	DWG NO. 27053240	REV. A1	SCALE 1:1		SHEET 1 OF 1	
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