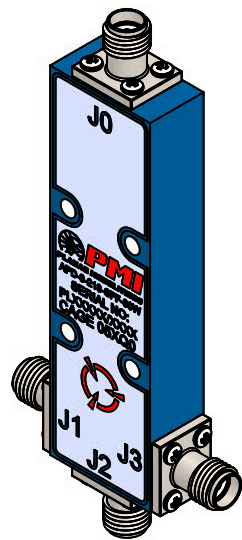


DESCRIPTION:

PMI MODEL NUMBER APD-3-218-SFF-30W A 3-WAY POWER DIVIDER OPERATING OVER THE 2 TO 18 GHz FREQUENCY RANGE. THIS POWER DIVIDER DEMONSTRATES A MAXIMUM INSERTION LOSS OF 1.6 dB (ABOVE 4.77 dB SPLIT) AND A MINIMUM ISOLATION OF 20 dB.

SPECIFICATIONS:

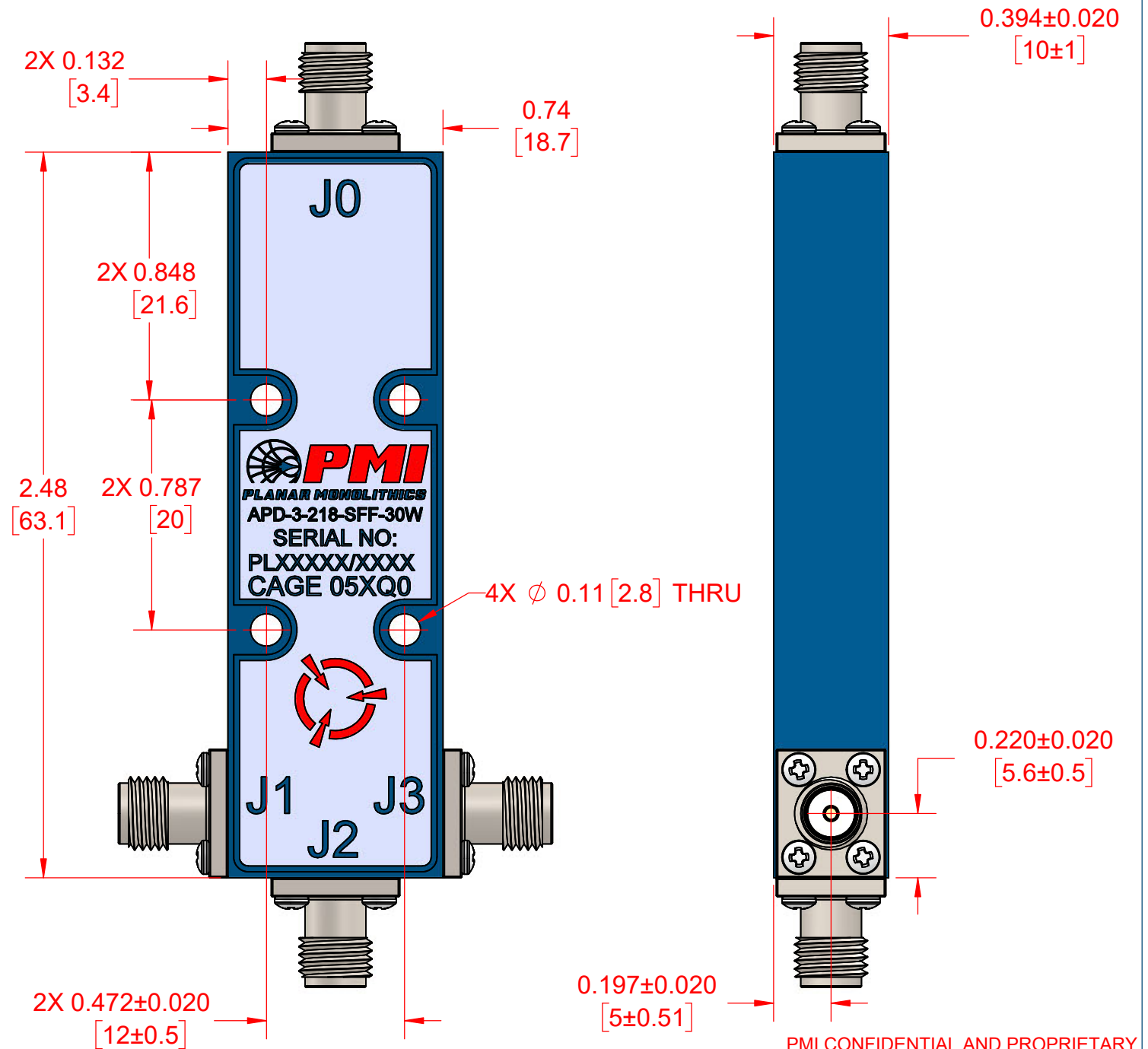
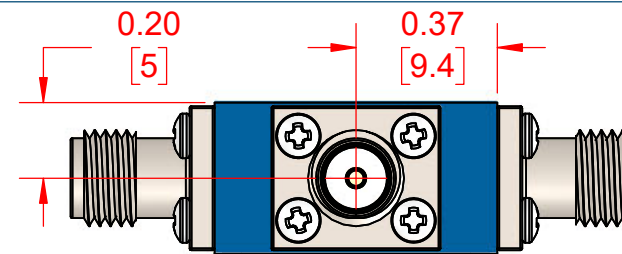
- FREQUENCY RANGE:..... 2 TO 18 GHz
- INSERTION LOSS:..... 1.6 dB MAX
(ABOVE 4.77 dB SPLIT)
- VSWR:..... INPUT: 1.65:1 MAX
OUTPUT: 1.65:1 MAX
- ISOLATION:..... 20 dB MIN.
- AMPLITUDE BALANCE:..... ±0.7 dB MAX
- PHASE BALANCE:..... ±9° MAX
- POWER HANDLING:..... FORWARD 30 W MAX
REVERSED 1 W MAX
- PORT 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	10/29/2025	

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"> <tr> <th>APPROVALS</th> <th>DATE</th> </tr> <tr> <td>DRAWN V. PRATAP</td> <td>10/29/2025</td> </tr> <tr> <td>REDRAWN</td> <td></td> </tr> <tr> <td>ISSUED</td> <td></td> </tr> </table>		APPROVALS	DATE	DRAWN V. PRATAP	10/29/2025	REDRAWN		ISSUED		<table border="1"> <tr> <td colspan="2"> </td> </tr> <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> </tr> <tr> <td colspan="2">TITLE OUTLINE APD-3-218-SFF-30W</td> </tr> <tr> <td>SIZE B</td> <td>FSCM NO. 05XQ0</td> </tr> <tr> <td>DWG NO. 27053320</td> <td>REV. A1</td> </tr> <tr> <td>SCALE 1:1</td> <td>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-3-218-SFF-30W		SIZE B	FSCM NO. 05XQ0	DWG NO. 27053320	REV. A1	SCALE 1:1	SHEET 1 OF 1
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