

DESCRIPTION:

PMI MODEL NO. APD-2-0D82D2-SFF-30W IS A 2-WAY POWER DIVIDER THAT OPERATES OVER THE FREQUENCY RANGE OF 0.8 TO 2.2 GHz. IT HAS A MAXIMUM INSERTION LOSS OF 0.5 dB (ABOVE 3.01 dB SPLIT) AND A MINIMUM ISOLATION OF 22 dB. THIS MODEL IS OUTFITTED WITH SMA FEMALE CONNECTORS.

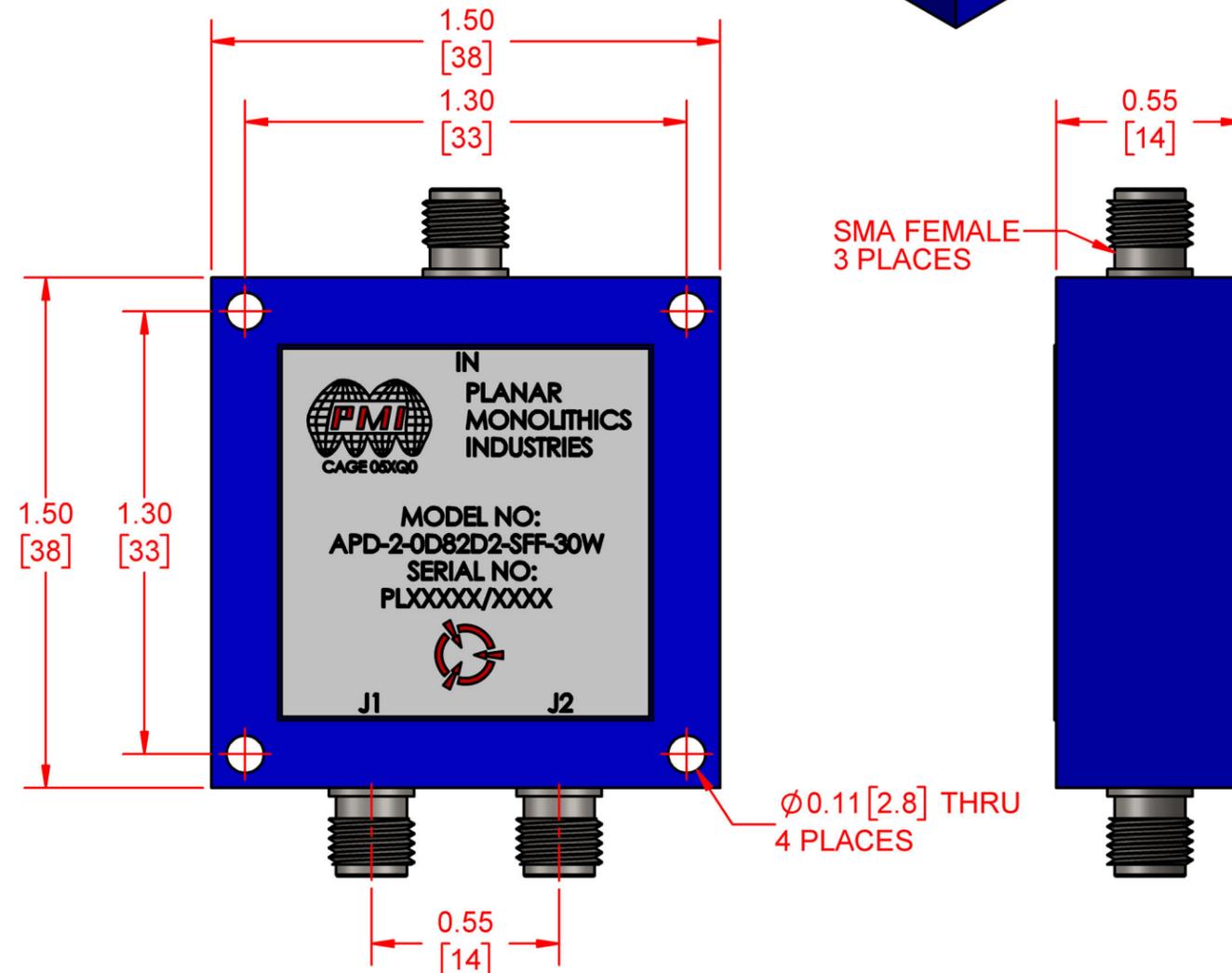
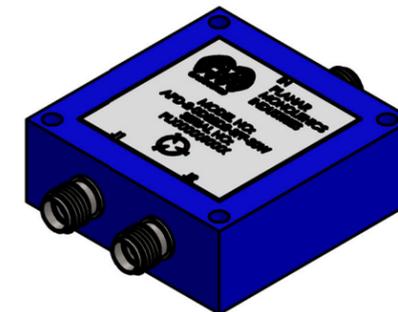
SPECIFICATIONS:

- FREQUENCY RANGE:..... 0.8 TO 2.2 GHz
- INSERTION LOSS:..... 0.5 dB MAX (ABOVE 3.01 dB SPLIT)
- VSWR INPUT:..... 1.20:1 MAX
- VSWR OUTPUT:..... 1.15:1 MAX
- ISOLATION:..... 22 dB MIN
- AMPLITUDE BALANCE:..... ±0.1 dB MAX
- PHASE BALANCE:..... ±2° MAX
- POWER HANDLING:..... FORWARD: 30 WATTS MAX
REVERSED: 1 WATT MAX
- IMPEDANCE:..... 50 OHMS
- CONNECTORS:..... SMA FEMALE
- FINISH:..... PAINTED BLUE

ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -55°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- 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

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	7/19/2022	



NOTE: SPECIFICATIONS WILL VARY OVER TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

APPROVALS DRAWN: J ESCANO REDRAWN: ISSUED:		DATE 7/19/2022	TITLE PRODUCT FEATURE APD-2-0D82D2-SFF-30W	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± .XXX ± 0.01		SIZE B	FSCM NO. 05XQ0	DWG NO. 27044900
SCALE 2:1			REV. A1	SHEET 1 OF 1

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