

DESCRIPTION:

PMI MODEL NUMBER APD-8-3G65R6G5R-SMA-30W IS A 8-WAY POWER DIVIDER OPERATING OVER THE 3.65 TO 6.5 GHz FREQUENCY RANGE. THIS POWER DIVIDER DEMONSTRATES A LOW INSERTION LOSS OF 0.8 dB max. WITH AN ISOLATION OF 17 dB min.

SPECIFICATIONS:

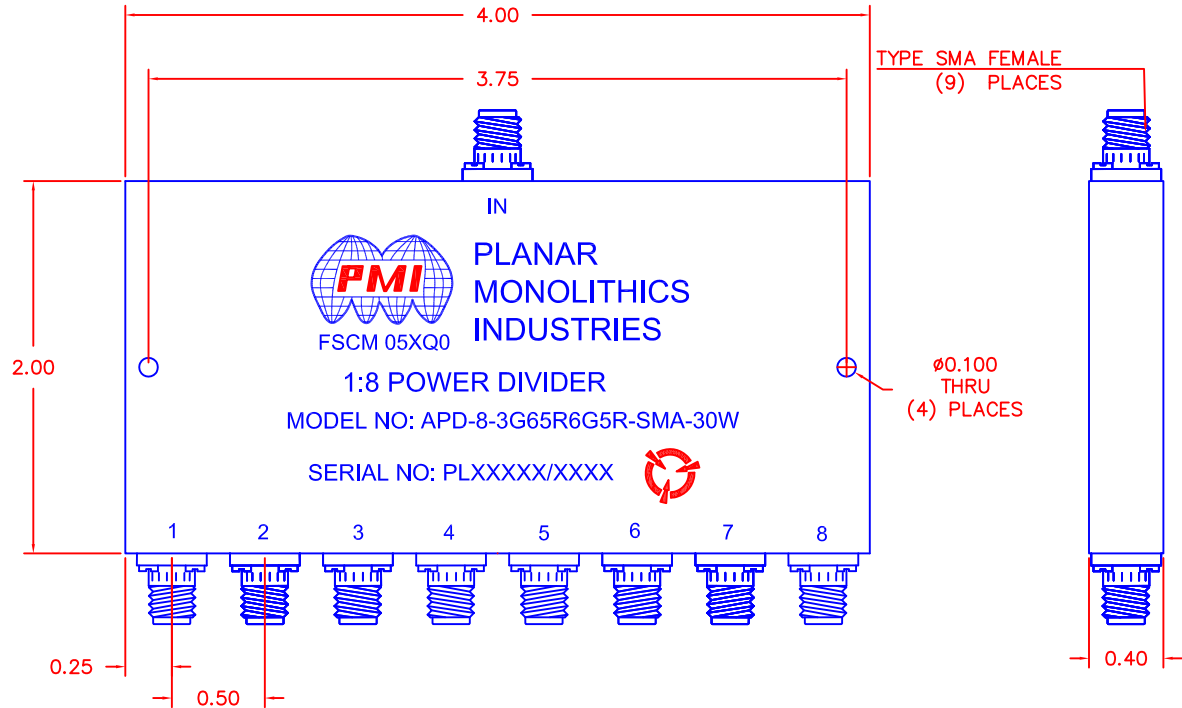
- FREQUENCY: 3.65 to 6.5 GHz
- INSERTION LOSS: 0.8 dB max. (Above 9.03 dB Split)
- INPUT VSWR: 1.4:1 max.
- OUTPUT VSWR: 1.4:1 max.
- ISOLATION: 17 dB min.
- AMPLITUDE BALANCE: ±0.4 dB max.
- PHASE BALANCE: ±5° max.
- POWER HANDLING: Forward 30 Watts max. Reverse 1 Watt max.
- IMPEDENCE: 50 ohms
- CONNECTORS: SMA (F)
- SIZE: 4.00" X 2.00" X 0.40"
- FINISH: PAINTED BLUE

ENVIRONMENTAL RATINGS:

- TEMPERATURE: -55°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	2/15/22	



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE	TITLE		
DRAWN <i>AF</i>		2/15/22	PRODUCT FEATURE		
CHECKED			APD-8-3G65R6G5R-SMA-30W		
ISSUED			SIZE	FSCM NO.	DWG NO.
			A	05XQ0	PRELIMINARY
			SCALE	N:S	SHEET 1 OF 1

ALL DIMENSIONS ARE IN INCHES
 TOLERANCES:
 X.XX ±0.020