

DESCRIPTION

PMI MODEL NO. APD-8-0D52D5-TNC-30W IS AN 8-WAY POWER DIVIDER THAT OPERATES OVER THE FREQUENCY RANGE OF 0.5 TO 2.5 GHz. IT HAS A MAXIMUM INSERTION LOSS OF 2.6 dB (ABOVE 9.03 dB SPLIT) AND A MINIMUM ISOLATION OF 18 dB. THIS MODEL IS OUTFITTED WITH TNC FEMALE CONNECTORS.

SPECIFICATIONS

- FREQUENCY RANGE: ----- 0.5 TO 2.5 GHz
- INSERTION LOSS: ----- 2.6 dB MAX (ABOVE 9.03 dB SPLIT)
- VSWR INPUT/OUTPUT: ----- 1.60:1 MAX/1.30:1 MAX
- ISOLATION: ----- 18 dB MIN
- AMPLITUDE BALANCE: ----- ±0.5 dB MAX
- PHASE BALANCE: ----- ±5° MAX
- POWER HANDLING*: ----- FORWARD: 30 WATTS MAX
REVERSED: 1 WATT MAX
- IMPEDANCE: ----- 50 OHMS
- CONNECTORS: ----- TNC FEMALE
- FINISH: ----- PAINTED BLUE

*POWER HANDLING GUARANTEED WHEN LOAD'S VSWR WITHIN 1.50:1

ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -55 °C TO +85 °C (OPERATING)
-65 °C TO +125 °C (STORAGE)
- HUMIDITY: ----- UP TO 95%, NON-CONDENSING (OPERATING)
- 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 OPERATING TEMPERATURE

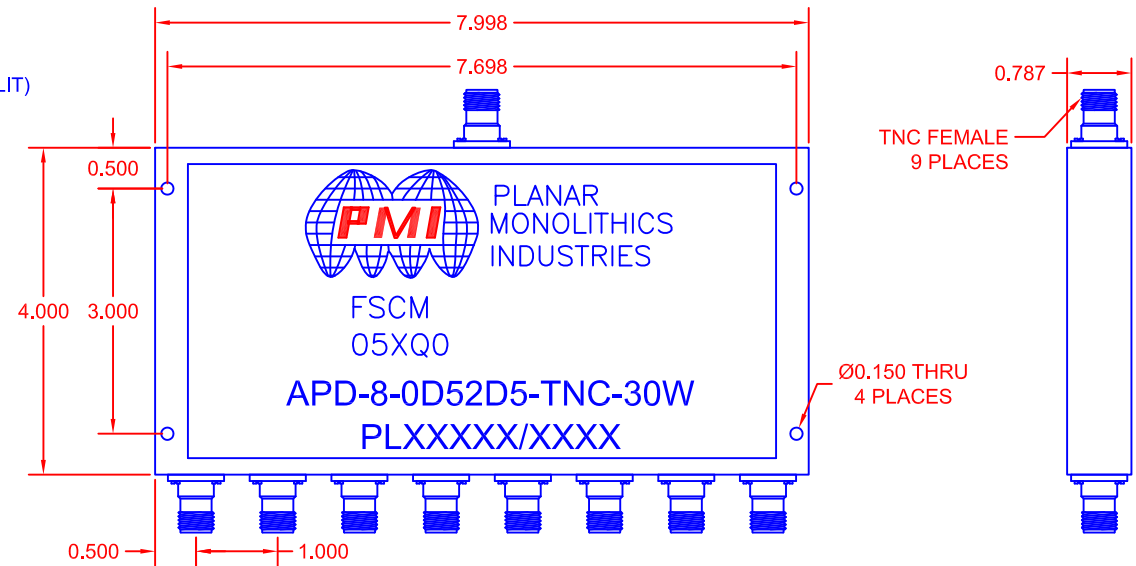
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

ALL DIMENSIONS
ARE IN INCHES [mm]
TOLERANCES:
X,XX ±0.020
X,XXX ±0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	2/11/2020	

MECHANICAL OUTLINE



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APPROVALS		DATE	TITLE			
DRAWN <i>EW</i>		2/11/20	PRODUCT FEATURE APD-8-0D52D5-TNC-30W			
REDRAWN			SIZE	FSCM NO.	DWG NO.	REV.
ISSUED			A	05XQ0	PRELIMINARY	-
			SCALE	N:S	SHEET	1 OF 1