

DESCRIPTION

PMI MODEL NO APD-4-2G18G-TF IS A 2.0 TO 18.0 GHz, 4-WAY POWER DIVIDER HAVING AN INSERTION LOSS OF 2 dB AND AN ISOLATION OF 18 dB.

SPECIFICATIONS

- FREQUENCY: ----- 2.0 TO 18.0 GHz
- ISOLATION: ----- 18 dB
- INSERTION LOSS: ----- 2 dB
- AMPLITUDE BALANCE: ----- 0.5 dB
- PHASE IMBALANCE: ----- 6°
- VSWR INPUT: ----- 1.5:1
- VSWR OUTPUT: ----- 1.5:1
- POWER REQUIREMENTS: ----- 30 WATTS FORWARD

ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -55 °C TO +85 °C (OPERATING)
-65 °C TO +125 °C (STORAGE)
- HUMIDITY: ----- RTCA/DO-160F, SECTION 6, CATEGORY B,
SEVERE HUMIDITY ENVIRONMENT
- VIBRATION: ----- MIL-STD-810F, METHOD 514.5, PROCEDURE
1, OPERATIONAL AIRCRAFT-JET
- ALTITUDE: ----- 55,000 ft, AMSL

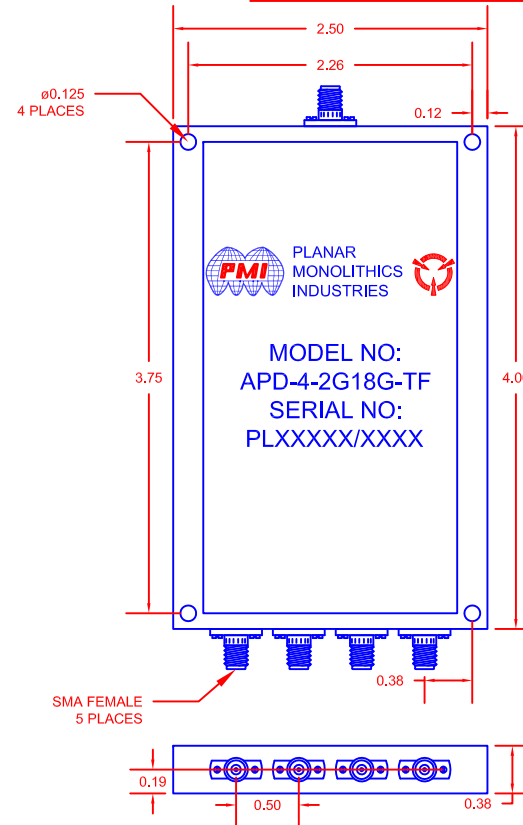
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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	10/22/2018	

MECHANICAL OUTLINE



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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			REV.
DRAWN <i>EW</i>		10/22/18	PRODUCT FEATURE APD-4-2G18G-TF			-
REDRAWN			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	
ISSUED			SCALE N:S	SHEET 1 OF 1		