

DESCRIPTION

PMI MODEL: APD-2-18G40G-20W-292FF IS A 2-WAY POWER DIVIDER OPERATING BETWEEN 18 TO 40 GHz. THIS MODEL OFFERS LOW INSERTION LOSS OF 1.5 dB MAXIMUM AS WELL AS HAVING 18 dB OF ISOLATION.

SPECIFICATIONS

- FREQUENCY RANGE: ----- 18.0 TO 40.0 GHz
- INSERTION LOSS (ABOVE 3.0 dB): - 1.5 dB MAXIMUM
- ISOLATION: ----- 18 dB MINIMUM
- VSWR: ----- 1.6:1 MAXIMUM
- AMPLITUDE BALANCE: ----- ± 0.3 dB MAXIMUM
- PHASE BALANCE: ----- $\pm 4^\circ$ MAXIMUM
- POWER HANDLING: ----- 20 W CW MAXIMUM
3 kW PEAK MAXIMUM
- IMPEDANCE: ----- 50 Ω
- CONNECTORS: ----- 2.92mm FEMALE
- SIZE: ----- 1.06" x 0.85" x 0.50"
26.92 mm x 21.59 mm 12.70 mm
- WEIGHT: ----- 1.59 oz [45 g] MAXIMUM
- FINISH: ----- PAINTED BLUE

ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -55 °C TO +105 °C (OPERATING)

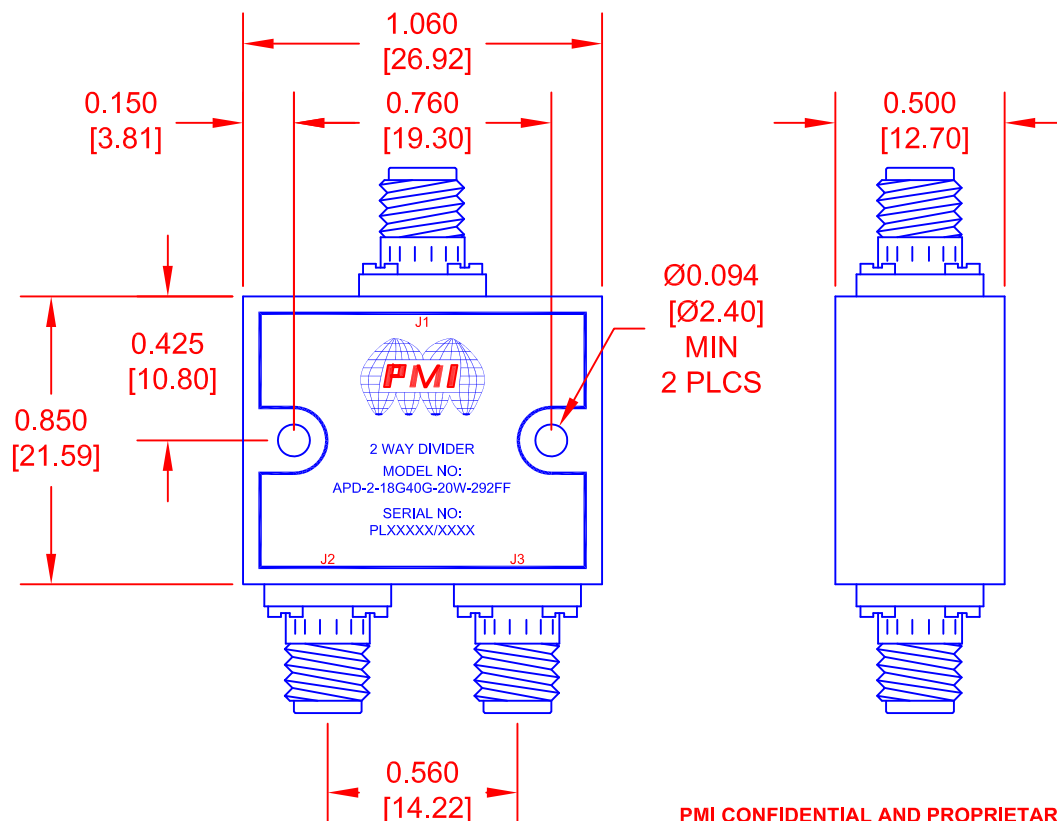
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	04/01/16	

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE		
DRAWN <i>M. Berry</i>		04/01/16		PRODUCT FEATURE APD-2-18G40G-20W-292FF		
CHECKED				SIZE	FSCM NO.	DWG NO.
ISSUED				A	05XQ0	PRELIMINARY
				SCALE	N:S	SHEET 1 OF 1