

DESCRIPTION

PMI MODEL: APD-2-3G45G-20W-24FF IS A 2-WAY POWER DIVIDER OPERATING BETWEEN 3 TO 45 GHz. THIS MODEL OFFERS LOW INSERTION LOSS OF 2.0 dB MAXIMUM AS WELL AS HAVING 15 dB OF ISOLATION.

SPECIFICATIONS

- FREQUENCY RANGE: ----- 3.0 TO 45.0 GHz
- INSERTION LOSS (ABOVE 3.0 dB): - 2.0 dB MAXIMUM
- ISOLATION: ----- 15 dB MINIMUM
- VSWR (IN/OUT): ----- 1.8:1 / 1.5:1 MAXIMUM
- AMPLITUDE BALANCE: ----- ±0.5 dB MAXIMUM
- PHASE BALANCE: ----- ±6° MAXIMUM
- POWER HANDLING: ----- 20 W CW MAXIMUM - FORWARD
200W PEAK MAXIMUM
- IMPEDANCE: ----- 50 Ω
- CONNECTORS: ----- 2.4mm FEMALE
- SIZE: ----- 1.65" x 1.02" x 0.50"
41.91 mm x 25.91 mm x 12.70 mm
- WEIGHT: ----- 2 oz MAXIMUM
- FINISH: ----- PAINTED BLUE

ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -45 °C TO +85 °C (OPERATING)

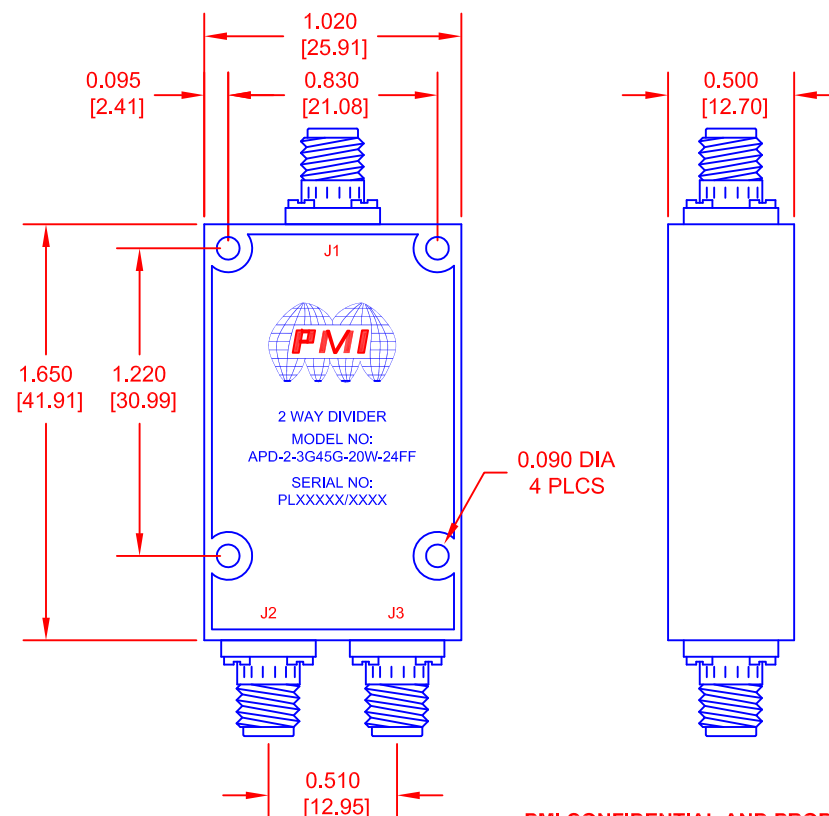
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

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	2/25/21	

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE		
DRAWN <i>JPH</i>		2/25/21	PRODUCT FEATURE APD-2-3G45G-20W-24FF		
REDRAW			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY
ISSUED			SCALE N:S	SHEET 1 OF 1	REV. -