

DESCRIPTION

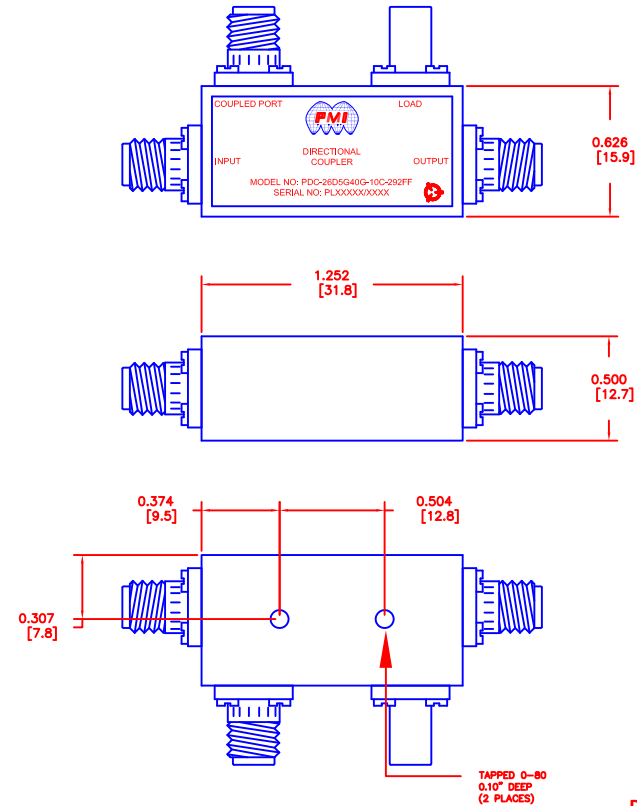
PMI MODEL PDC-26D5G40G-10C-292FF IS A 26.5 TO 40 GHz DIRECTIONAL COUPLER HAVING A 10DB COUPLING FACTOR AND > 12DB DIRECTIVITY. THIS MODEL HANDLES AN INPUT POWER OF 20 WATTS.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	06/17/15	K.M.

SPECIFICATIONS

- FREQUENCY RANGE: 26.5 TO 40 GHz
- INSERTION LOSS: ≤ 1.5 dB
- VSWR: $\leq 1.70:1$
- COUPLING: 10 ± 1.0 dB
- FREQUENCY SENSITIVITY: $\leq \pm 0.5$ dB
- DIRECTIVITY: 12dB MINIMUM
- POWER HANDLING: ≤ 20 Watts
- IMPEDANCE: 50Ω
- CONNECTORS: 2.92mm FEMALE
- FINISH: PAINTED BLUE

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS:

- TEMPERATURE: -55°C TO $+105^{\circ}\text{C}$ (OPERATING)

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

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

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APPROVALS		DATE	TITLE		
DRAWN BY	<i>B. Thomas</i>	6/17/15	PRODUCT FEATURE PDC-26D5G40G-10C-292FF		
CHECKED			SIZE	FSCM NO.	DWG NO.
ISSUED			A	05XQ0	PRELIMINARY
			SCALE	SHEET 1 OF 1	
			N:S		