

DESCRIPTION

PMI MODEL PDC-26G500M40G-20-292FF IS A DIRECTIONAL COUPLER THAT HAS AN OPERATING FREQUENCY OF 26.5 TO 40.0 GHZ. THIS MODEL FEATURES LOW VSWR, HIGH DIRECTIVITY, BROADBAND AND COMPACT SIZE.

SPECIFICATIONS

- FREQUENCY RANGE:--- 26.5 GHz TO 40.0 GHz
- INSERTION LOSS:----- 1.4 dB MAX. (Excl. Coupling loss 0.46dB)
- COUPLING FACTOR:--- 20dB \pm 1.0dB MAX.
- COUPLING SENSITIVITY:----- \pm 1.2 dB MAX.
- DIRECTIVITY:----- 10 dB MIN.
- VSWR:----- PRIMARY 1.70:1 MAX
SECONDARY 1.70:1 MAX
- POWER HANDLING:--- INCIDENT \leq 20WATT
REFLECTED \leq 1 WATT
- IMPEDANCE:----- 50 Ω
- CONNECTORS:----- 2.92mm-FEMALE
- FINISH:----- PAINTED BLUE
- WEIGHT:----- 30g

ENVIRONMENTAL RATINGS

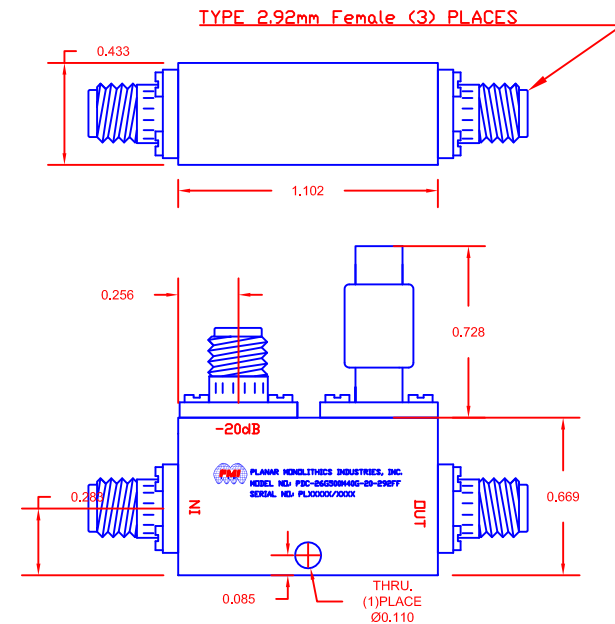
- TEMPERATURE: ----- -55 $^{\circ}$ C TO +85 $^{\circ}$ C (OPERATING)
- HUMIDITY: ----- UP TO 95%, NON-CONDENSING

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	12/21/22	

MECHANICAL OUTLINE



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APPROVALS		DATE	TITLE			
DRAWN <i>AJ</i>		12/21/22	OUTLINE DRAWING PDC-26G500M40G-20-292FF			
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV. -
ISSUED			SCALE N/A		SHEET 1 OF 1	