

DESCRIPTION

PMI MODEL PDC-15G32G-15-20W-292FF IS A DIRECTIONAL COUPLER THAT HAS AN OPERATING FREQUENCY OF 15.0 TO 32.0 GHZ. THIS MODEL FEATURES LOW VSWR, HIGH DIRECTIVITY, BROADBAND AND COMPACT SIZE.

SPECIFICATIONS

- FREQUENCY RANGE:--- 15.0 GHZ TO 32.0 GHZ
- INSERTION LOSS:----- 1.1 dB MAX. (Excl. Coupling loss 0.14dB)
- COUPLING FACTOR:--- 15 dB \pm 1.0dB
- COUPLING SENSITIVITY:----- \pm 1.0 dB
- DIRECTIVITY:----- 15 dB MIN.
- VSWR:----- PRIMARY 1.6:1 MAX
SECONDARY 1.6:1 MAX
- POWER HANDLING:--- INCIDENT \leq 20WATT
REFLECTED \leq 1 WATT
- IMPEDANCE:----- 50 Ω
- CONNECTORS:----- 2.92mm-FEMALE
- FINISH:----- PAINTED BLUE
- WEIGHT:----- 30g

ENVIRONMENTAL RATINGS

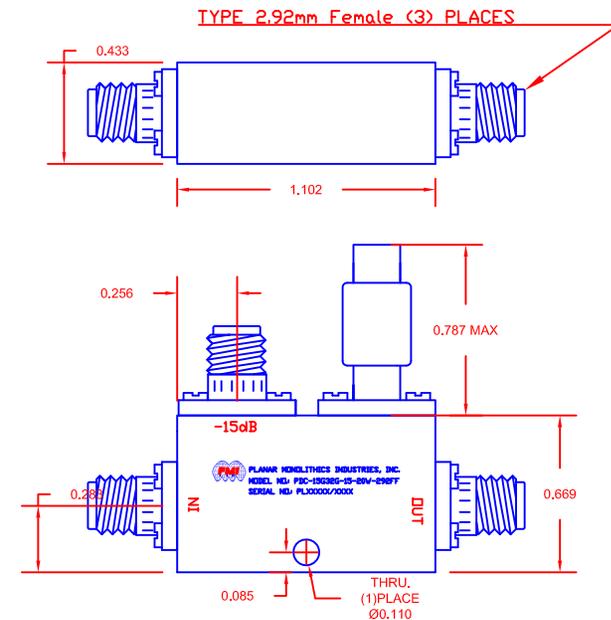
- TEMPERATURE: ----- -55 °C TO +85 °C (OPERATING)
- HUMIDITY: ----- UP TO 95%, NON-CONDENSING

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	9/28/22	

MECHANICAL OUTLINE



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APPROVALS		DATE	TITLE			REV.
DRAWN <i>AF</i>		9/28/22	OUTLINE DRAWING PDC-15G32G-15-20W-292FF			-
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO.	
ISSUED			SCALE N/A		SHEET 1 OF 1	