

DESCRIPTION

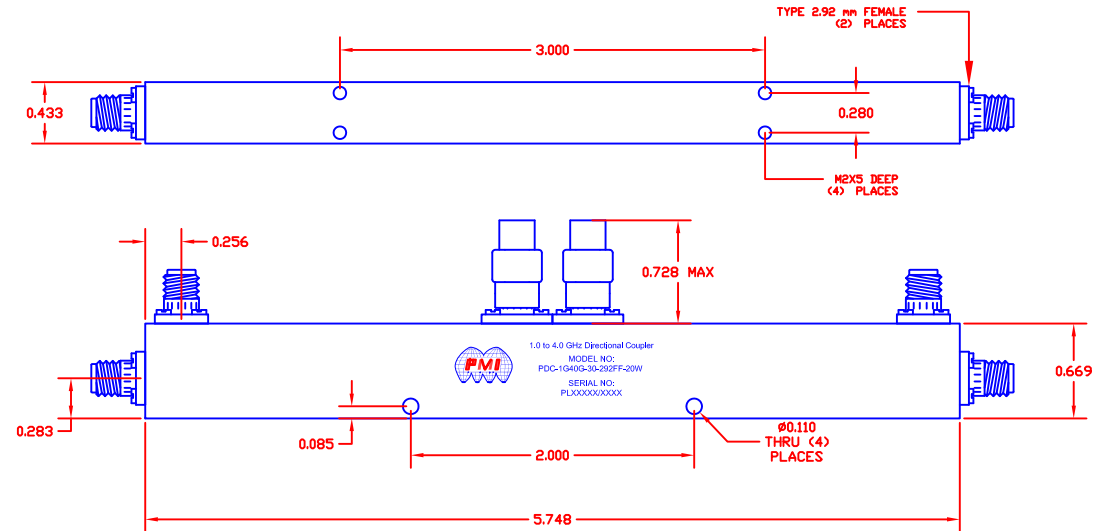
PMI MODEL NO. PDC-1G40G-30-292FF-20W IS A 1.0 TO 40.0 GHz DIRECTIONAL COUPLER.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	9/30/22	

MECHANICAL OUTLINE

SPECIFICATIONS

- FREQUENCY RANGE:----- 1.0 TO 40.0 GHz
- NOMINAL COUPLING:----- 30±1.0 dB MAXIMUM
- COUPLING SENSITIVITY:----- ±1.6 dB MAXIMUM
- DIRECTIVITY:----- 6 dB MINIMUM
- INSERTION LOSS:----- 3.3 dB MAXIMUM (Excl. Coupling Loss 0.01dB)
- VSWR PRIMARY:----- 1.7:1 MAXIMUM
- VSWR SECONDARY:----- 1.7:1 MAXIMUM
- POWER HANDLING:----- 20 WATT (FORWARD POWER)
- CONNECTORS:----- 2.92 mm (F)
- SIZE:----- 5.748" x 0.669" x 0.433"
- FINISH:----- PAINTED BLUE



ENVIRONMENTAL RATINGS

- TEMPERATURE:----- - 40°C TO +70°C (OPERATING/STORAGE)
- HUMIDITY:----- 95% RH @ 40°C

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

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 ISO 9001 CERTIFIED



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

APPROVALS		DATE	TITLE			
DRAWN <i>AF</i>		9/30/22	PRODUCT FEATURE PDC-1G40G-30-292FF-20W			
CHECKED			SIZE	FSCM NO.	DWG NO.	REV.
ISSUED			A	05XQ0	PRELIMINARY	-
			SCALE	N:S		SHEET 1 OF 1