

DESCRIPTION

PMI MODEL PDC-1G16G-20-50W-SFF IS A DIRECTIONAL COUPLER THAT HAS AN OPERATING FREQUENCY OF 1.0 TO 16.0 GHz. THIS MODEL FEATURES LOW VSWR, HIGH DIRECTIVITY, BROADBAND AND COMPACT SIZE.

SPECIFICATIONS

- FREQUENCY RANGE: 1.0 GHz TO 16.0 GHz
- INSERTION LOSS: 0.9 dB (Excl. Coupling loss 0.04 dB)
- COUPLING FACTOR: 20 dB \pm 1.0 dB
- COUPLING SENSITIVITY: \pm 0.5 dB MAX.
- DIRECTIVITY: 15 dB MIN.
- VSWR: PRIMARY 1.4:1 MAX
SECONDARY 1.4:1 MAX
- POWER HANDLING: INCIDENT \leq 50WATT
REFLECTED \leq 2 WATT
- IMPEDANCE: 50 Ω
- CONNECTORS: SMA-FEMALE
- FINISH: PAINTED BLUE
- WEIGHT: 55g

ENVIRONMENTAL RATINGS

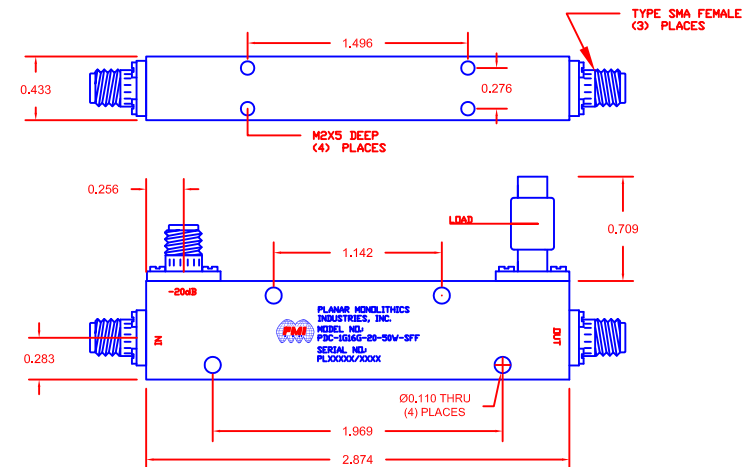
- TEMPERATURE: -55 °C TO +85 °C (OPERATING)
- HUMIDITY: UP TO 95%, NON-CONDENSING

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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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE		
		9/28/22	OUTLINE DRAWING PDC-1G16G-20-50W-SFF		
DRAWN	<i>AJ</i>		SIZE	FSCM NO.	DWG NO.
CHECKED			A	05XQ0	
ISSUED			SCALE	N/A	SHEET 1 OF 1