

DESCRIPTION

PMI MODEL PDC-8G40G-10-292FF IS A DIRECTIONAL COUPLER THAT HAS AN OPERATING FREQUENCY OF 8.0 TO 40.0 GHZ. THIS MODEL FEATURES LOW VSWR, HIGH DIRECTIVITY, BROADBAND AND COMPACT SIZE.

SPECIFICATIONS

- FREQUENCY RANGE:--- 8.0 GHz TO 40.0 GHz
- INSERTION LOSS:----- 1.3 dB MAX. (Excl. Coupling loss 0.46dB)
- COUPLING FACTOR:--- 10dB \pm 1.0dB MAX.
- COUPLING SENSITIVITY:----- \pm 1.0 dB MAX.
- DIRECTIVITY:----- 12 dB MIN.
- VSWR:----- PRIMARY 1.60:1 MAX
SECONDARY 1.60:1 MAX
- POWER HANDLING:--- INCIDENT \leq 30WATT
REFLECTED \leq 1 WATT
- IMPEDANCE:----- 50 Ω
- CONNECTORS:----- 2.92mm-FEMALE
- FINISH:----- PAINTED BLUE
- WEIGHT:----- 30g

ENVIRONMENTAL RATINGS

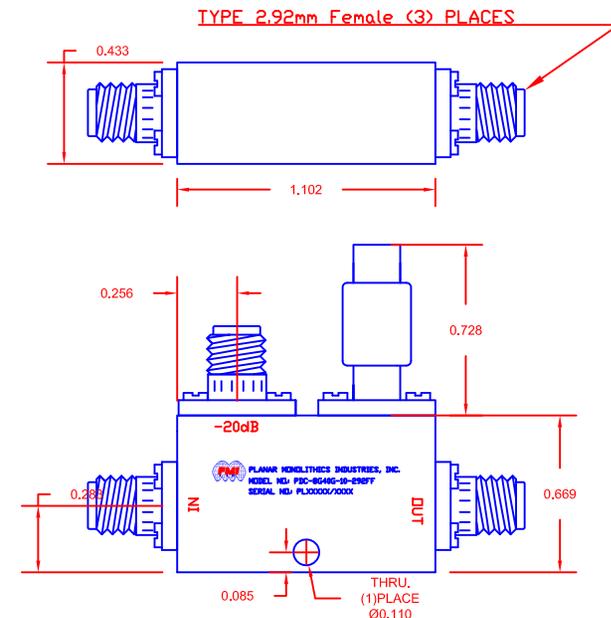
- TEMPERATURE: ----- -55 °C TO +85 °C (OPERATING)
- HUMIDITY: ----- UP TO 95%, NON-CONDENSING

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

| REVISIONS | | | | |
|-----------|------|-------------|----------|----------|
| ZONE | REV. | DESCRIPTION | DATE | APPROVED |
| | - | PRELIMINARY | 12/30/22 | |
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MECHANICAL OUTLINE



PLANAR MONOLITHICS INDUSTRIES, INC.

7311-F GROVE ROAD

FREDERICK, MARYLAND 21704 USA

TEL: (301)-662-5019, FAX: (301)-662-1731

WEB: www.pmi-rf.com, EMAIL: sales@pmi-rf.com

ISO 9001 CERTIFIED



| APPROVALS | | DATE | TITLE | | | |
|-----------------|--|----------|---------------------------------------|-------------------|------------------------|-----------|
| DRAWN <i>AJ</i> | | 12/30/22 | OUTLINE DRAWING PDC-8G40G-10-292FF | | | |
| CHECKED | | | SIZE A | FSCM NO. 05XQ0 | DWG NO. PRELIMINARY | REV. - |
| ISSUED | | | SCALE N/A | | SHEET 1 OF 1 | |