

## DESCRIPTION

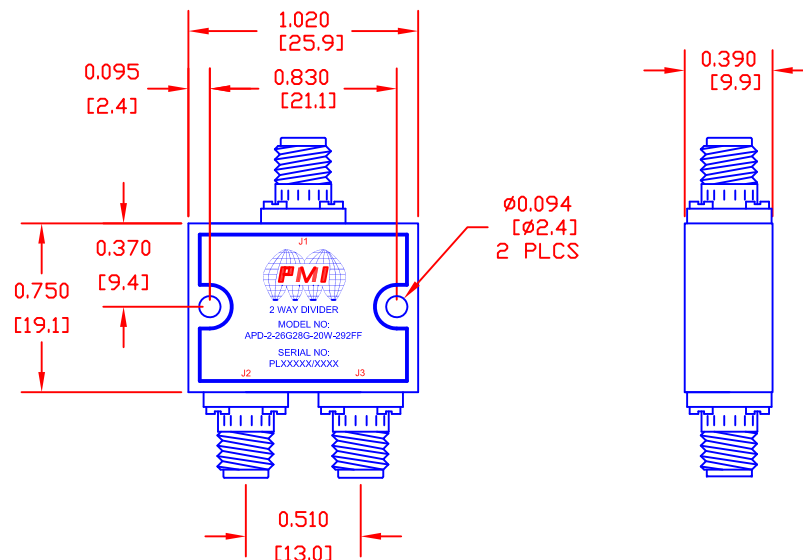
PMI MODEL: APD-2-26G28G-20W-292FF IS A 2 WAY DIVIDER OPERATING BETWEEN 26 TO 28 GHz.

| REVISIONS |      |                  |         |          |
|-----------|------|------------------|---------|----------|
| ZONE      | REV. | DESCRIPTION      | DATE    | APPROVED |
|           | -    | ORIGINAL RELEASE | 7/28/17 |          |
|           |      |                  |         |          |
|           |      |                  |         |          |

## MECHANICAL OUTLINE

## SPECIFICATIONS

- FREQUENCY RANGE:----- 26 TO 28 GHz
- INSERTION LOSS:----- 1.3 dB Max; 0.8 dB Typ
- ISOLATION:----- 16 dB Min; 20 dB Typ
- INPUT VSWR :----- 1.6 Max; 1.4 Typ
- OUTPUT VSWR:----- 1.5 Max; 1.3 Typ
- AMPLITUDE BALANCE:----- 0.3 dB; 0.15 dB Typ
- PHASE BALANCE:-----  $\pm 4^\circ$  Max;  $\pm 2^\circ$  Typ
- POWER HANDLING:----- Forward Power 20 Watt  
Reverse Power 0.5 Watt
- IMPEDANCE:----- 50  $\Omega$
- PORT CONNECTORS:----- 2.92mm FEMALE
- FINISH:----- PAINTED BLUE



PMI CONFIDENTIAL AND PROPRIETARY

## ENVIRONMENTAL RATINGS

- TEMPERATURE:----- -45 °C TO +85 °C (OPERATING)

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS ARE IN INCHES  
TOLERANCES:  
X.XX  $\pm 0.020$   
X.XXX  $\pm 0.010$

## 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](http://www.pmi-rf.com), EMAIL: [sales@pmi-rf.com](mailto:sales@pmi-rf.com)

ISO 9001 CERTIFIED



|                     |                |                                                        |                   |                            |          |  |
|---------------------|----------------|--------------------------------------------------------|-------------------|----------------------------|----------|--|
|                     |                | TITLE<br><br>PRODUCT FEATURE<br>APD-2-26G28G-20W-292FF |                   |                            |          |  |
| APPROVALS           | DATE           |                                                        |                   |                            |          |  |
| DRAWN<br><i>JPH</i> | <i>7/28/17</i> |                                                        |                   |                            |          |  |
| CHECKED             |                | SIZE<br>A                                              | FSCM NO.<br>05XQ0 | DWG NO.<br><br>PRELIMINARY | REV<br>- |  |
| ISSUED              |                | SCALE<br>N:S                                           |                   | SHEET<br>1 OF 1            |          |  |