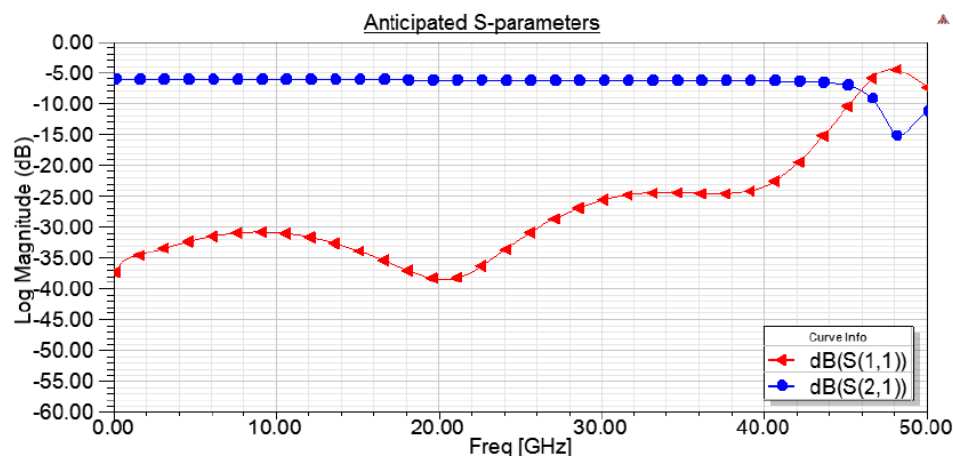


DESCRIPTION

PMI MODEL: RPD-DC40G-292FF IS A 2 WAY RESISTIVE DIVIDER OPERATING BETWEEN DC TO 40 GHz.

SPECIFICATIONS

- FREQUENCY RANGE:----- DC TO 40 GHz
- INSERTION LOSS:----- 9 dB Max; 6 dB Typ
- ISOLATION:----- 10 dB Min; 15 dB Typ
- INPUT VSWR :----- 1.5 Max
- OUTPUT VSWR:----- 1.5 Max
- AMPLITUDE BALANCE:----- 0.8 dB; 0.5 dB Typ
- PHASE BALANCE:----- $\pm 8^\circ$ Max; $\pm 5^\circ$ Typ
- POWER HANDLING:----- Forward Power 0.5 Watt
Reverse Power 0.5 Watt
- IMPEDANCE:----- 50 Ω
- PORT CONNECTORS:----- 2.92mm FEMALE
- FINISH:----- PAINTED BLUE



ENVIRONMENTAL RATINGS

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

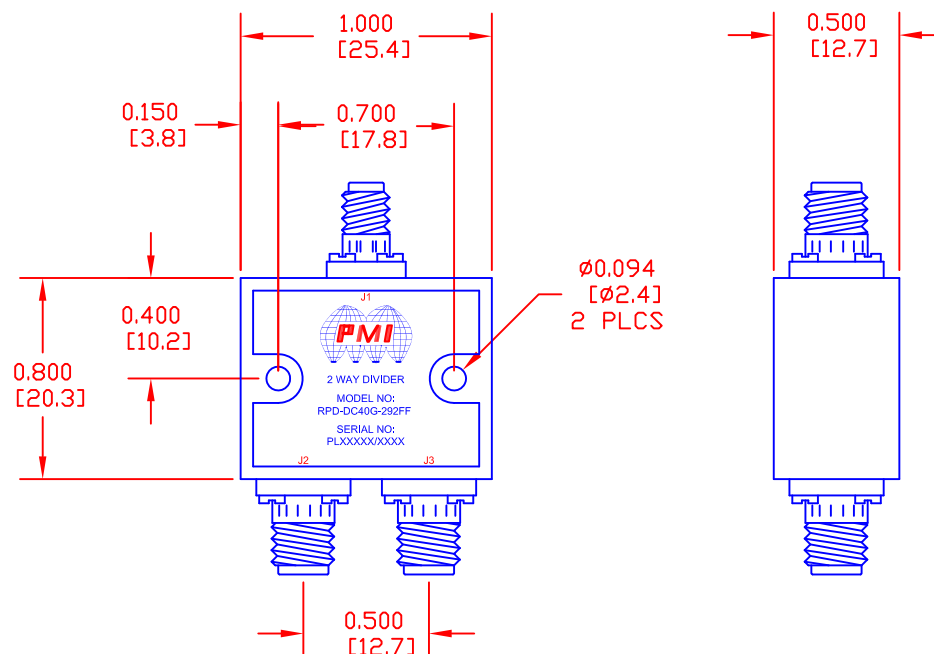
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	7/28/17	

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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



		TITLE PRODUCT FEATURE RPD-DC40G-292FF			
APPROVALS	DATE				
DRAWN <i>SPH</i>	7/28/17				
CHECKED					
ISSUED		SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV. -
		SCALE N:S	SHEET		1 OF 1