

DESCRIPTION

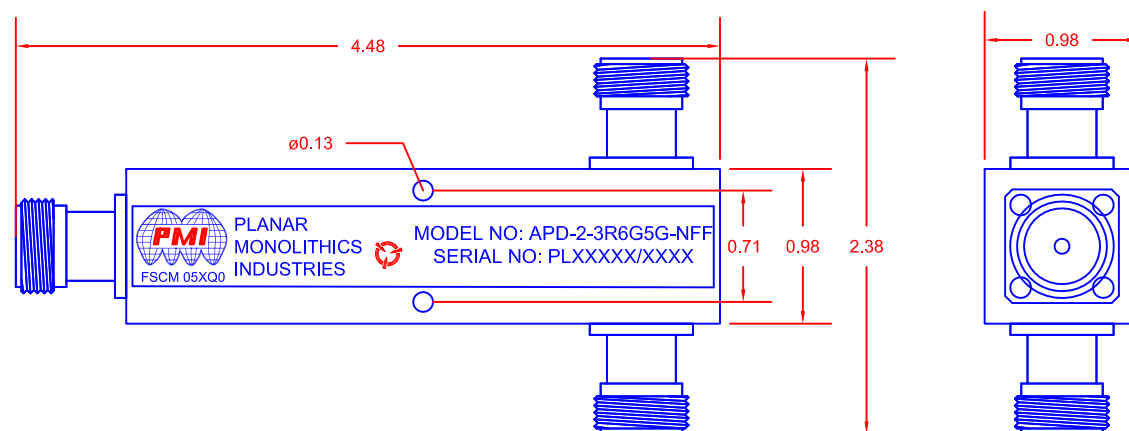
PMI MODEL NO. APD-2-3R6G5G-NFF IS A 2-WAY POWER DIVIDER THAT OPERATES OVER THE FREQUENCY RANGE OF 3.6 TO 5.0 GHz. IT HAS A MAXIMUM INSERTION LOSS OF 0.3 dB AND A MAXIMUM VSWR OF 1.25. THIS MODEL IS OUTFITTED WITH N FEMALE CONNECTORS.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	1/4/2019	

MECHANICAL OUTLINE

SPECIFICATIONS

- FREQUENCY: ----- 3.6 TO 5.0 GHz
- INPUT PORT NUMBER: ----- 1
- OUTPUT PORT NUMBER: ----- 2
- SPLIT LOSS: ----- 3.0 dB
- INSERTION LOSS: ----- 0.3 dB MAX
- PIM (dBc @ 2 x 43 dBm): ----- -161 dBc MAX @ 2 x 43 dBm (1900 MHz, 2600 MHz)
- VSWR: ----- 1.25 MAX
- AVERAGE POWER: ----- 300 WATTS
- RETURN LOSS: ----- 19.1 dB MIN
- IMPEDANCE: ----- 50 OHMS
- CONNECTORS: ----- N FEMALE



ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -25 °C TO +85 °C (OPERATING)
-65 °C TO +125 °C (STORAGE)
- RELATIVE HUMIDITY: ----- UP TO 100%
- SHOCK: ----- MIL-STD-202, METHOD 213B COND. B
- VIBRATION: ----- MIL-STD-202, METHOD 204D COND. B
- ALTITUDE: ----- MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE: ----- MIL-STD-202, METHOD 107D COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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

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 APD-2-3R6G5G-NFF				
APPROVALS	DATE					
DRAWN <i>EW</i>	<i>1/4/19</i>					
REDRAWN		SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV. -	
ISSUED		SCALE N:S		SHEET 1 OF 1		