

DESCRIPTION

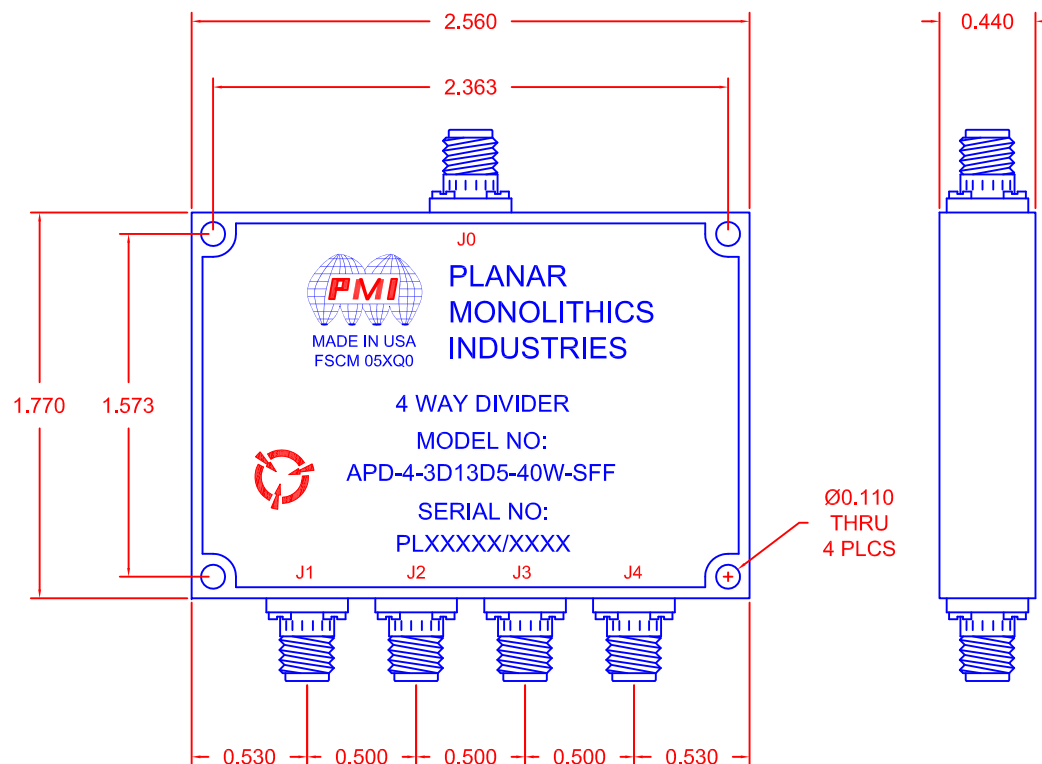
PMI MODEL: APD-4-3D13D5-40W-SFF IS A 4 WAY DIVIDER OPERATING BETWEEN 3.1 TO 3.5 GHz.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	07/08/15	

MECHANICAL OUTLINE

SPECIFICATIONS

- FREQUENCY RANGE: 3.1 TO 3.5 GHz
- INSERTION LOSS: ≤ 0.45 dB
- ISOLATION: ≥ 23 dB
- VSWR: INPUT $\leq 1.30:1$
OUTPUT $\leq 1.20:1$
- AMPLITUDE BALANCE: $\leq \pm 0.1$ dB
- PHASE BALANCE: $\leq \pm 2^\circ$
- POWER HANDLING: FORWARD ≤ 40 Watt
REVERSED ≤ 1 Watt
- IMPEDANCE: 50 Ω
- PORT CONNECTORS: SMA FEMALE
- FINISH: PAINTED BLUE
- NOTE: AMPLITUDE & PHASE
BALANCE RELATIVE TO J1
PORT



ENVIRONMENTAL RATINGS

- TEMPERATURE: -55 °C TO +85 °C (OPERATING)
- HUMIDITY: UP TO 90%, NON-CONDENSING

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

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



APPROVALS		DATE		TITLE	
DRAWN <i>B. Thomas</i>		07/08/15		PRODUCT FEATURE APD-4-3D13D5-40W-SFF	
CHECKED				SIZE A	REV. A1
ISSUED				FSCM NO. 05XQ0	DWG NO. 27026061
				SCALE N:S	SHEET 1 OF 1