

DESCRIPTION

PMI MODEL APD-2-812D4-30W-SFF IS A 2 WAY POWER DIVIDER WITH AN OPERATING FREQUENCY RANGE OF 8-12.4GHz. FEATURES OF THIS MODEL INCLUDE: EXCELLENT PHASE AND AMPLITUDE BALANCE, LOW INSERTION LOSS AND VSWR, AND HIGH ISOLATION.

SPECIFICATIONS

- FREQUENCY RANGE: 8 GHz TO 12.4 GHz
- INSERTION LOSS: 0.4dB MAX. (ABOVE 3.01dB SPLIT)
- VSWR: INPUT 1.35:1 MAX. OUTPUT 1.35:1 MAX.
- ISOLATION: 20dB MIN.
- AMPLITUDE BALANCE: ± 0.2 dB MAX.
- PHASE BALANCE: $\pm 4^\circ$ MAX.
- POWER HANDLING: FORWARD ≤ 30 WATT; REVERSED ≤ 1 WATT
- IMPEDANCE: 50 Ω
- CONNECTORS: SMA-FEMALE
- FINISH: PAINTED BLUE
- WEIGHT: 30g

ENVIRONMENTAL RATINGS

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

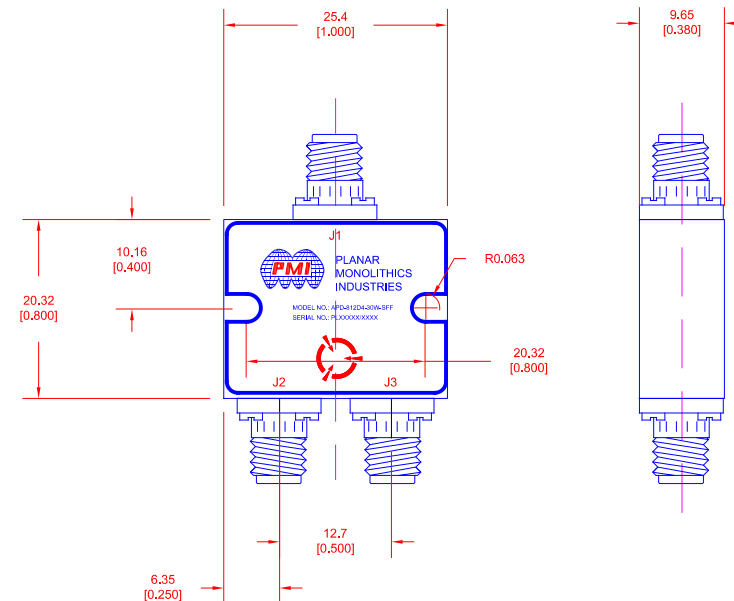
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	11/09/20	

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			REV.
DRAWN			OUTLINE DRAWING			
CHECKED			APD-2-812D4-30W-SFF			
ISSUED			SIZE	FSCM NO.	DWG NO.	
			A	05XQ0	27040220	A1
			SCALE	N/A	SHEET	1 OF 1