

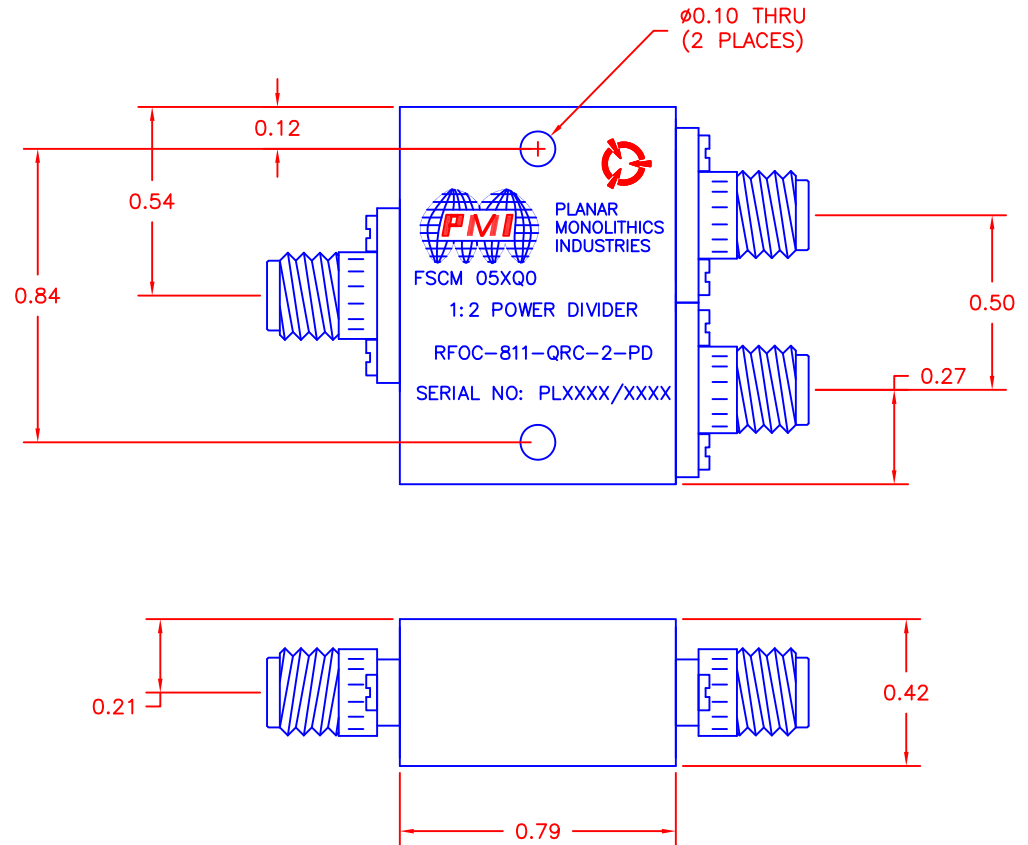
## DESCRIPTION

PMI MODEL RFOC-811-QRC-2-PD IS A HIGH RELIABLE TWO WAY POWER DIVIDER FEATURING LOW VSWR, LOW INSERTION LOSS AND HIGH ISOLATION.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	2/3/15	

## SPECIFICATIONS

- FREQUENCY RANGE: ..... 6.0 TO 13.0 GHz
- INSERTION LOSS: ..... 6 TO 12GHz, 0.6dB MAXIMUM  
..... 12 TO 13GHz, 0.9dB MAXIMUM
- VSWR: ..... 1.4:1 MAXIMUM (INPUT)  
..... 1.4:1 MAXIMUM (OUTPUT)
- ISOLATION: ..... 18dB MINIMUM
- AMPLITUDE BALANCE: .....  $\pm 0.15$ dB MAXIMUM
- PHASE BALANCE: .....  $\pm 1.5^\circ$  MAXIMUM
- POWER HANDLING: ..... 1.2:1 25W CW FORWARD MAX  
..... 2.0:1 7.5W CW FORWARD MAX  
..... INFINITE 0.75W CW FORWARD MAX
- IMPEDANCE: ..... 50 OHMS
- FINISH: ..... PAINTED BLUE



PMI CONFIDENTIAL AND PROPRIETARY

## ENVIRONMENTAL RATINGS:

- TEMPERATURE: ..... -55°C TO +85°C (OPERATING)  
..... -65°C TO +125°C (STORAGE)
- HUMIDITY: ..... MIL-STD-202F, METHOD 103B COND. B
- SHOCK: ..... MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: ..... MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: ..... MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: ..... MIL-STD-202F, 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  
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  
WEBSITE: [www.pmi-rf.com](http://www.pmi-rf.com)  
E-MAIL: [sales@pmi-rf.com](mailto:sales@pmi-rf.com)  
ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			REV.
DRAWN <i>K. MASON</i>		2/3/15	PRODUCT FEATURE RFOC-811-QRC-2-PD			-
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	
ISSUED			SCALE N:S		SHEET 1 OF 1	