



**TYPICAL CHARACTERISTICS
ON
4BP160-20-2A-PP**

**PMI model number 4BP160-20-2A-PP is a LC Bandpass filter
with PC Pins in and out.**



September 28, 2017

Designed, Tested & Reported By:

Sebastian Palacio



TYPICAL CHARACTERISTICS ON 4BP160-20-2A-PP

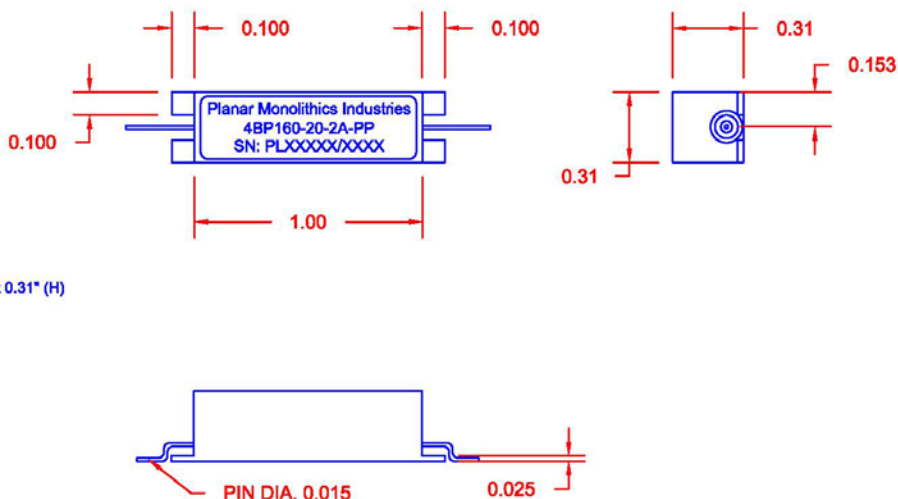
DESCRIPTION:

PMI model number 4BP160-20-2A-PP is a LC Bandpass filter with PC Pins in and out.

SPECIFICATIONS:

- CENTER FREQUENCY: 160 MHz
- 3dB BANDWIDTH: 20 MHz, $\pm 5\%$
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) 5 dB, NOMINAL
- REJECTION 4 Section Response

- CONNECTORS: PC PINS IN/OUT
- SIZE 1.20" (L) x 0.31" (W) x 0.31" (H)
- WEIGHT 1oz. TYP.
- FINISH SILVER PLATED.



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
- SALT FOG: MIL-STD-202F, METHOD 107D COND. A
- FUNGUS: MIL-STD-810C, METHOD 508.2
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
XXX ±0.020
XXXX ±0.010

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	A1	ORIGINAL RELEASE	3/4/09
	A2	ECN # 13-0200	11/18/18
	A3	ECN # 17-0220	09/28/17

PMI CONFIDENTIAL AND PROPRIETARY

PART NO.		PLANAR MONOLITHICS INDUSTRIES, INC. 7311-F GROVE ROAD FREDERICK, MARYLAND 21704 USA TEL: (301)662-5019 FAX: (301)662-1731 INTERNET: info@pmi-rf.com E-MAIL: info@pmi-rf.com ISO 9001 CERTIFIED	
APPROVE	DATE	TITLE	
S. PALACIO	3/4/09	OUTLINE DRAWING 4BP160-20-2A-PP	
CHECKED		SIZE	FROM NO.
ISSUED		A	05XQ0
		DWG NO.	27008483
		SCALE	N/A
		INCH	1 OF 1

7311-F Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com



**TYPICAL CHARACTERISTICS
ON
4BP160-20-2A-PP**

TEST. ITEM NO	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Center Frequency:	160 MHz	159.97 MHz See Plot	
2	3 dB Bandwidth:	20 MHz $\pm$ 5%	20.05MHz See Plot	
3	Insertion Loss: (Passband)	5 dB Nominal	2.53dB See Plot	
4	Rejection	4 Section Response	4 Section Response See Plot	
5	VSWR in The Passband:	1.5:1 Max	1.5:1 See Plot	



**TYPICAL CHARACTERISTICS
ON
4BP160-20-2A-PP**

