

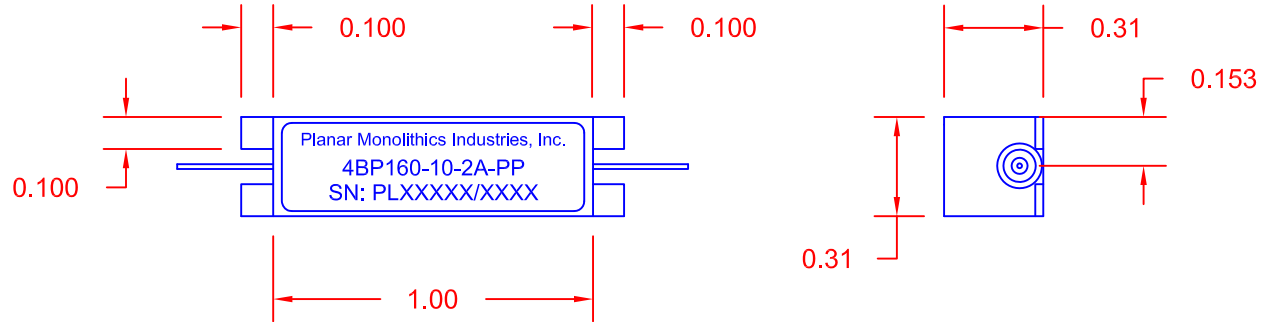
**DESCRIPTION:**

PMI model number 4BP160-10-2A-PP is a LC Bandpass filter with PC Pins connectors in and out.

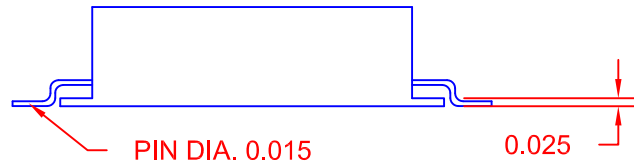
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	9/4/09	
	A2	ECN # 13-0199	11/11/13	

**SPECIFICATIONS:**

CENTER FREQUENCY: ..... 160 MHz  
 3dB BANDWIDTH: ..... 10 MHz, +/- 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.



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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS ARE IN INCHES  
 TOLERANCES:  
 X.XX ±0.020  
 X.XXX ±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			
DRAWN S. PALACIO		9/4/09	OUTLINE DRAWING 4BP160-10-2A-PP			
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. 27008423	REV. A2
ISSUED			SCALE N:S		SHEET 1 OF 1	