

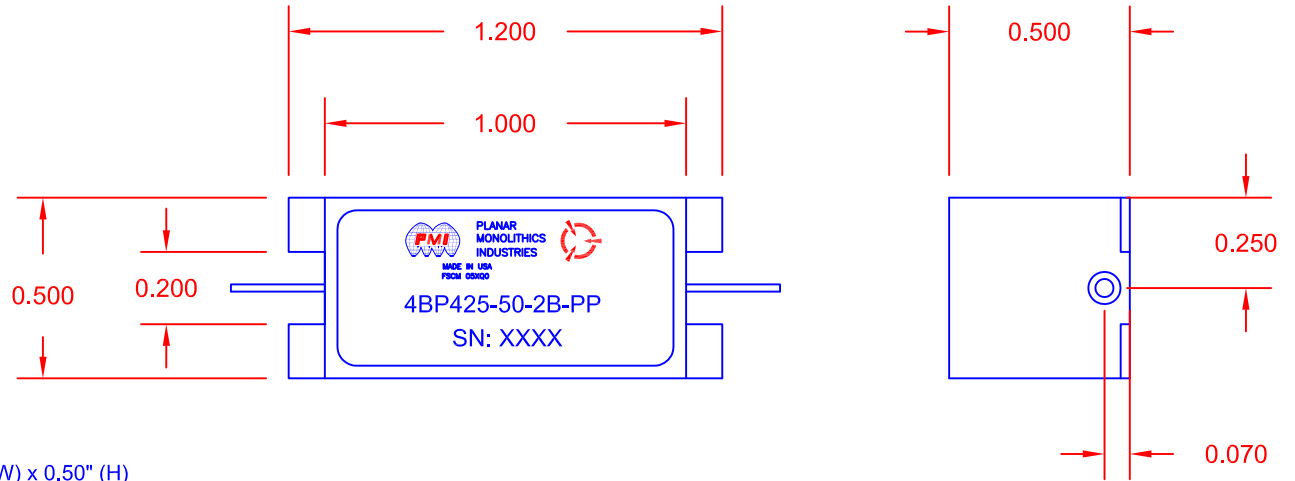
**DESCRIPTION:**

PMI model number 4BP425-50-2B-PP is a Lumped Element filter with PC pins in and out. All filters will be machined and silver plated to provide the highest possible Q.

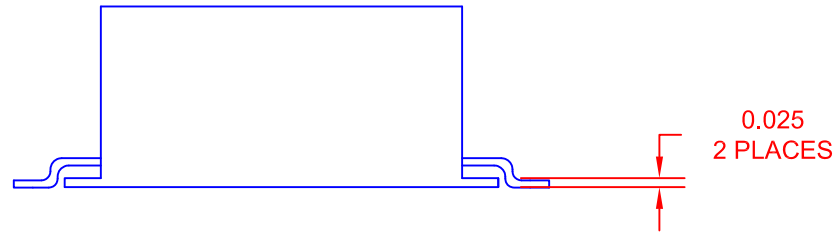
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	2/4/20	

**SPECIFICATIONS:**

- CENTER FREQUENCY: 425 MHz
- 3dB BANDWIDTH: 50 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND): -1.1 dB MAX.
- REJECTION FROM 0 TO 220 MHz: -60 dB MIN.
- REJECTION FROM 680 TO 3000 MHz: -60 dB MIN.



- INPUT & OUTPUT: PC PINS
- SIZE: 1.20" (L) x 0.50" (W) x 0.50" (H)
- WEIGHT: 1 OZ. TYP.




**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:  
X.XX ±0.010  
X.XXX ±0.005

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PART NO.		 <b>PLANAR MONOLITHICS INDUSTRIES</b> 7311-F GROVE RD. FREDERICK, MARYLAND		
APPROVALS	DATE	TITLE		
DRAWN S. PALACIO	20/9/00	OUTLINE DRAWING 4BP425-50-2B-PP		
REDRAWN CW	2/4/20			
ISSUED		SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY
		SCALE N/A		REV. -
				SHEET 1 OF 1