

DESCRIPTION

PMI MODEL BPF-45M-15M-PP IS A BANDPASS FILTER THAT IS DESIGNED WITH A CENTER FREQUENCY OF 45 MHz, WITH A MINIMUM BANDWIDTH OF 15 MHz, AND AN INSERTION LOSS OF 2.5 dB.

SPECIFICATIONS

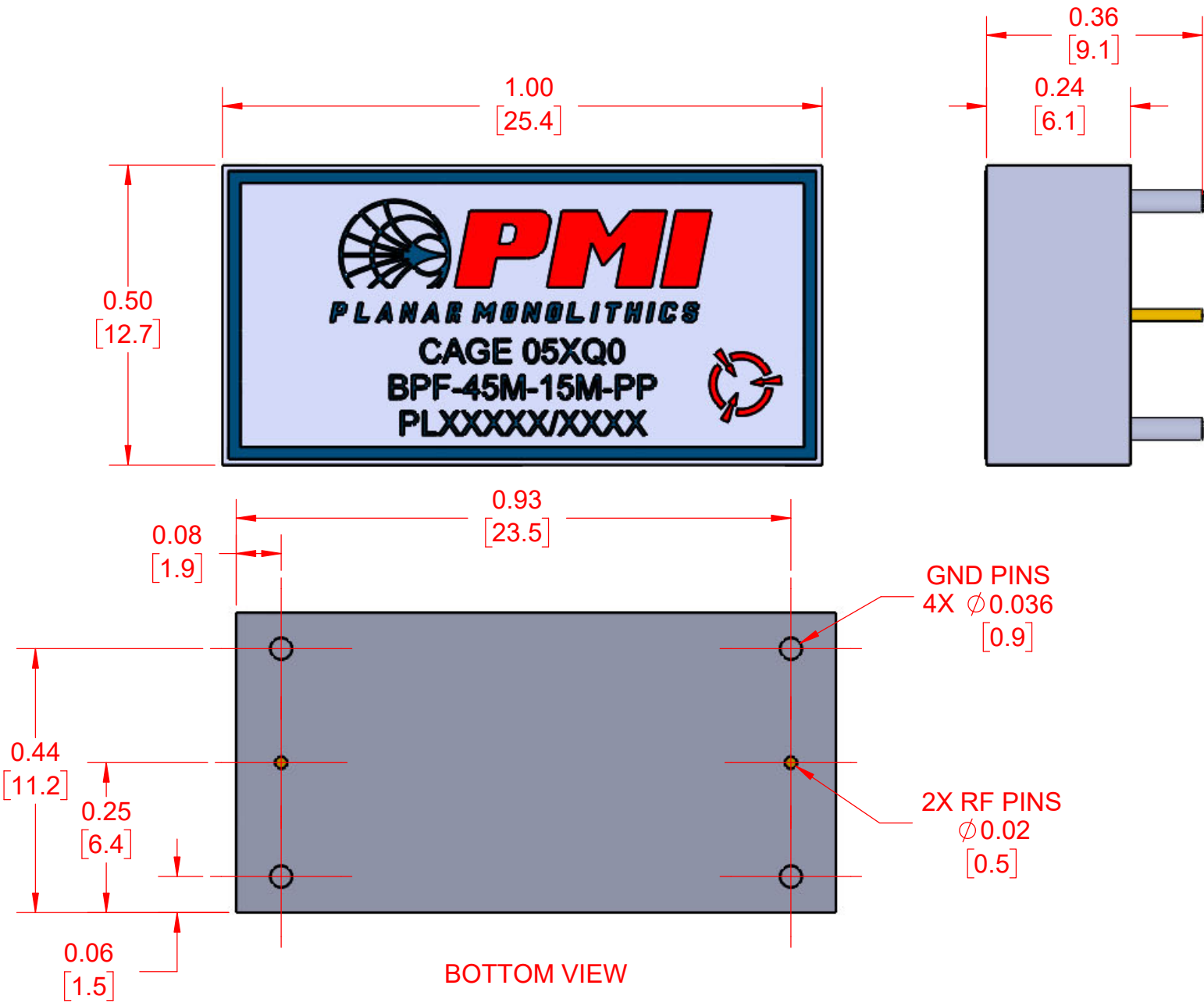
- CENTER FREQUENCY: 45 MHz
- BANDWIDTH (3dB): 15 MHz MIN
- INSERTION LOSS: 2.5 dB MAX (40 TO 50 MHz)
- PASSBAND RIPPLE: 0.5 dB P-P MAX (40 TO 50 MHz)
- STOPBAND ATTENUATION: 20 dBc MIN @ 60MHz
30 dBc MIN @ 30MHz
40 dBc MIN @ 90MHz
- RETURN LOSS (IN/OUT): 14 dB MIN
- POWER HANDLING (CW): +30 dBm MAX
- POWER HANDLING (PEAK): +33 dBm MAX (1µs PW, 0.1% DC
- CONNECTOR: PC PIN MOUNTING
- FINISH: SILVER PLATED

ENVIRONMENTAL RATINGS

- TEMPERATURE: -40°C TO +85°C (OPERATING)
-40°C TO +85°C (STORAGE)

NOTE: SPECIFICATIONS WILL VARY OVER TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	08/04/2026	



PMI CONFIDENTIAL AND PROPRIETARY

			APPROVALS			DATE			PMI PLANAR MONOLITHICS 7309-A GROVE ROAD FREDERICK MARYLAND 21704 USA TEL: (301) 662-5019 FAX: (301) 662-1731 WEB: WWW.QUANTICPMI.COM EMAIL: SALES@QUANTICPMI.COM ISO 9001 CERTIFIED			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± .XXX ± 0.01 ±			DRAWN A. SABADOS			08/04/2026			TITLE OUTLINE			
			REDRAWN						BPF-45M-15M-SFF			
			ISSUED						SIZE B	FSCM NO. 05XQ0	DWG NO. 27056060	REV. A1
									SCALE 4:1		SHEET 1 OF 1	