

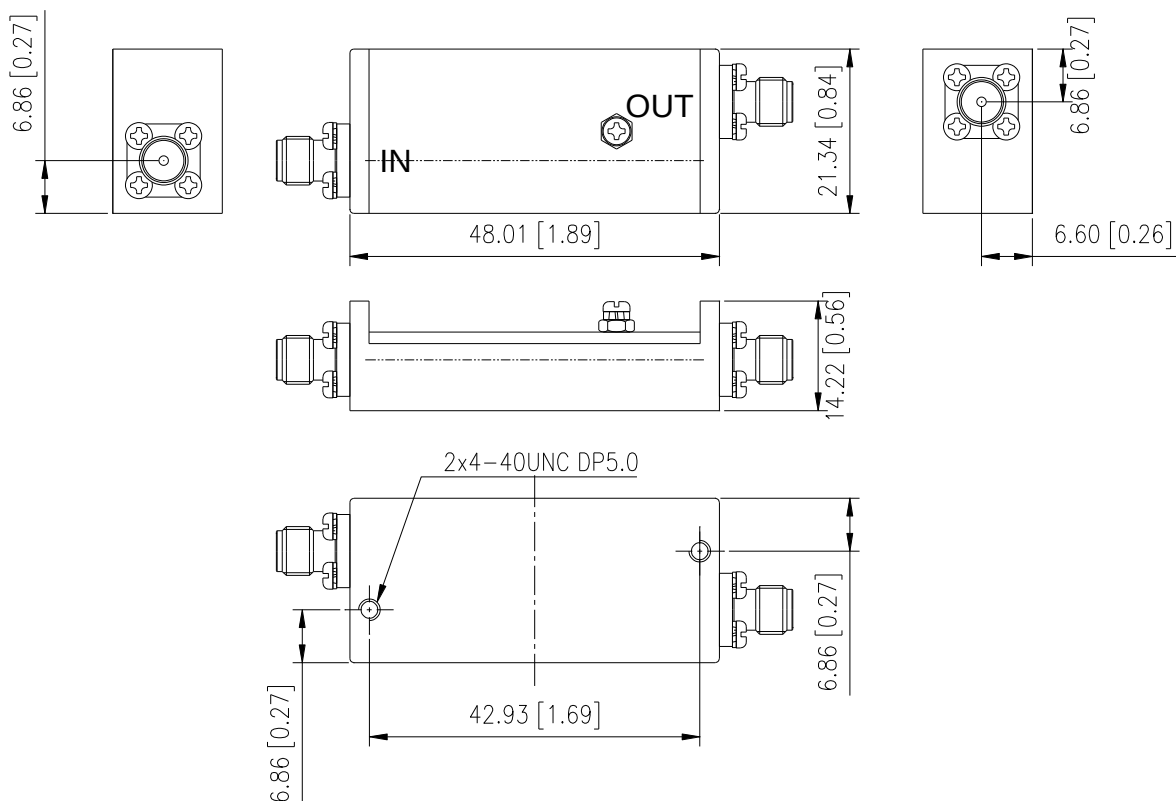
PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

Product Name : Band Pass Filter
Part No : MBP-C5125-450MS-A-R0

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2023.11.16	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	5125 MHz	OK
2. Bandwidth [BW]	$F_c \pm 225\text{MHz}$ [4900~5350MHz]	OK
3. Insertion Loss in BW	0.8dB Max.	OK
4. Return Loss	23dB Min.	OK
5. Rejections	70dB Min @ DC ~ 3500MHz	OK
	45dB Min @ 5600 ~6200MHz	OK
	60dB Min @ 6200 ~14000MHz	OK
6. In/Out Impedance	50Ohm	OK
7. Operating Temperature	-20 ~ +50°C	OK
8. Power Handling	5W CW.	OK
9. Size (W × D × H)	0.84 x 1.89 x 0.56 [inch]	OK
10.Interface	SMA(F)	OK
11. Finish	Epoxy Black	OK

Remarks: This is a preliminary datasheet for reference.

■ Simulation Curve

