

PRODUCT SPECIFICATION FOR INFORMATION

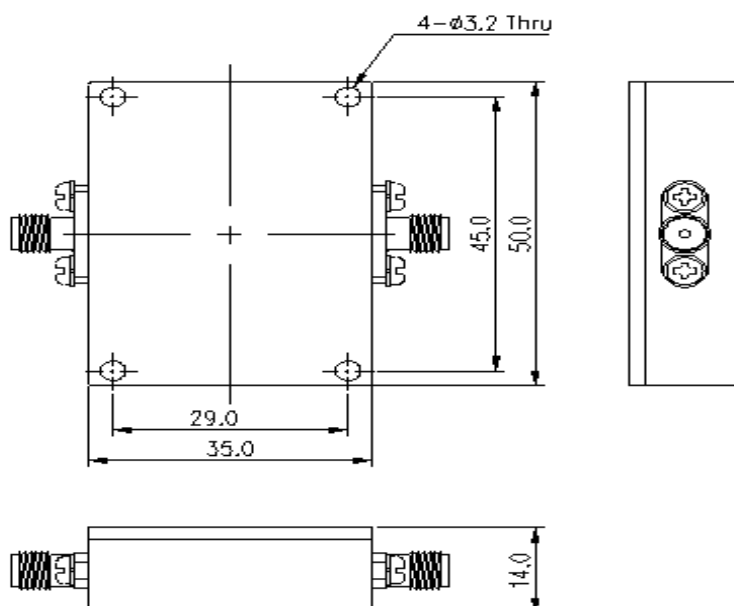
PRELIMINARY SPECIFICATION

Product Name : LC Band Pass Filter

Part No : MBP-C185-90ML-A-R0

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2023.05.25	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	185MHz	
2. Bandwidth [BW]	$F_c \pm 45\text{MHz}$ [140~230MHz]	
3. Insertion Loss in BW	1.5dB Max.	
4. Ripple	0.6dB Max.	proposed
5. Return Loss	20dB Min.	
6. Rejections	20dBc Min @ DC~100MHz	
	40dBc Min @ 300~1000MHz	
7. In/Out Impedance	50Ohm	
8. Operating Temperature	-40°C ~ +85°C	
9. Power Handling	2W Max. (continuous)	
10. Size (W × D × H)	50.0x35.0x14.0 mm	
11. Interface	SMA(F)	
12. Finish	White Chromate	TBD

Remarks: This is a preliminary datasheet for reference.

■ Simulation Curve1

