

PRODUCT SPECIFICATION FOR INFORMATION

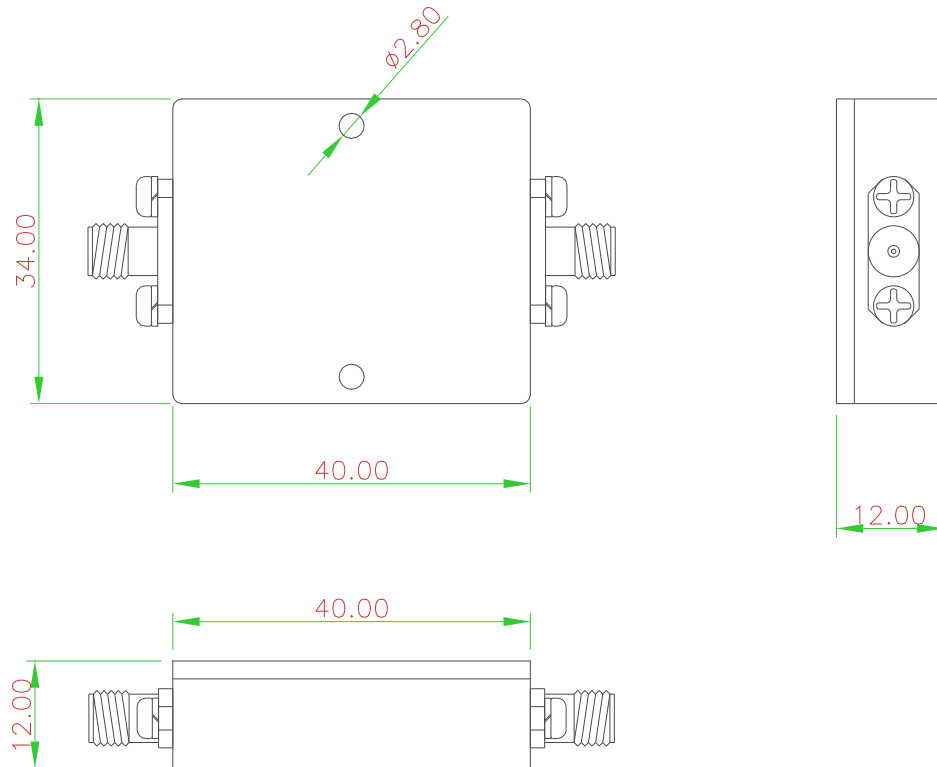
PRELIMINARY SPECIFICATION

Product Name : Band Pass Filter

Part No : MBP-C745_110MS-A-R0

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.01.24	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	745 MHz	OK
2. Bandwidth [BW]	$F_c \pm 55\text{MHz}$ [690~800MHz]	OK
3. Insertion Loss in BW	2.5dB Max.	Proposed
4. Bandwidth (1dB)	110MHz Typ.	OK
5. Return Loss	14dB Min.	TBD
6. Rejections	30dB Min. @ 600MHz	OK
	30dB Min. @ 900MHz	OK
7. In/Out Impedance	50 Ohm	OK
8. Operating Temperature	-10 ~ +70°C	OK
9. Power Handling	5W Max.	OK
10. Size (W × D × H)	34.0x40.0x12.0 [mm]	Proposed
11. Interface	SMA(F)	OK
12. Finish	Black	TBD

Remarks: This is a preliminary datasheet for reference.

Simulation Curve

