

PRODUCT SPECIFICATION FOR INFORMATION

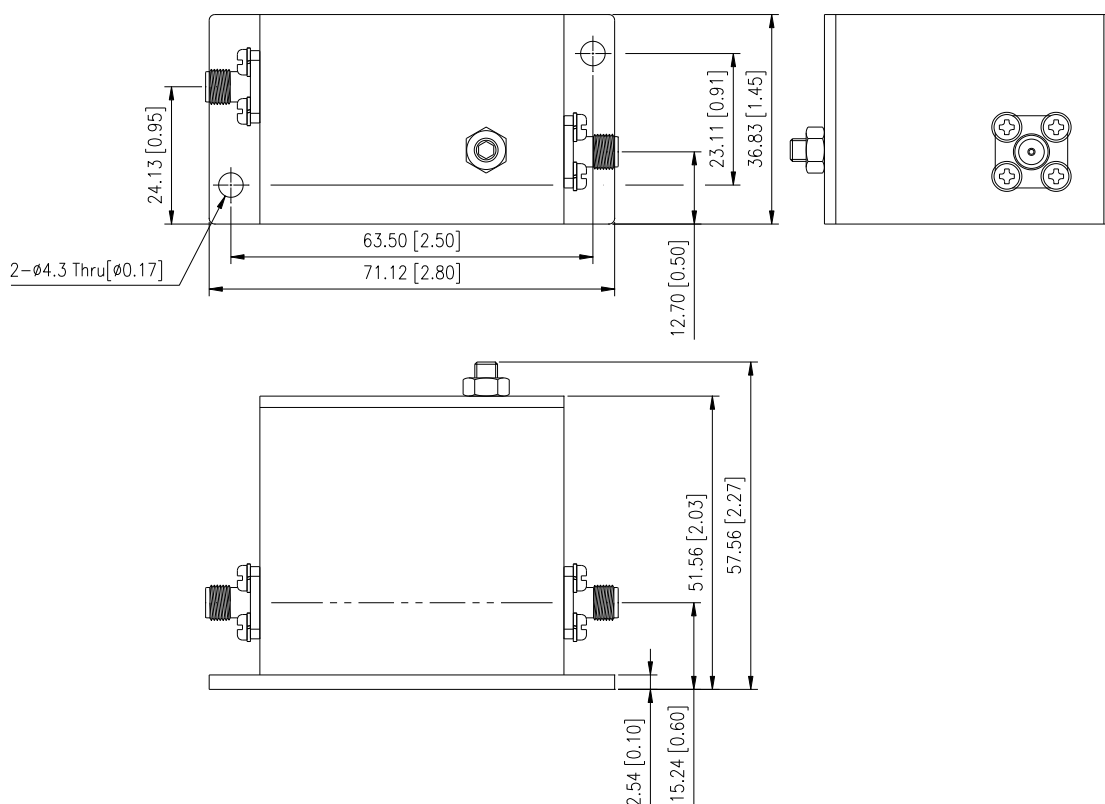
PRELIMINARY SPECIFICATION

Product Name : B1-Band Pass Filter

Part No : MBP-C942.5_35MS-A-R0

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.01.16	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	942.5 MHz	OK
2. Bandwidth [BW]	$F_c \pm 17.5\text{MHz}$ [925~960MHz]	OK
3. Insertion Loss in BW	0.8dB Max. 0.7dB Typ.	OK
4. Ripple	0.4dB Max.	OK
5. Return Loss	18dB Min.	OK
6. Rejections	20dB Min @ DC~870MHz	OK
	22dB Min. 25dB typ. @ 880~915MHz	OK
7. In/Out Impedance	50 Ohm	OK
8. Operating Temperature	-20 ~ +50°C	OK
9. Power Handling	4W Max.	OK
10. Size (W × D × H)	1.45x2.80x2.27 [inch]	Proposed
11. Interface	SMA(F)	OK
12. Finish	Epxy gray	OK

Remarks: This is a preliminary datasheet for reference.

■ Simulation Curve

