

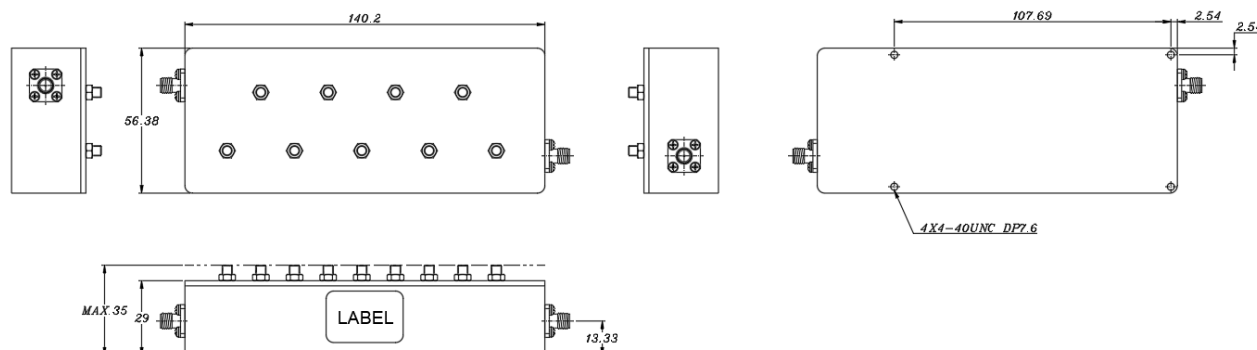
PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

Product Name : Band Pass Filter
Part No : MBP-C1842.5_75MS-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	1842.5 MHz	OK
2. Bandwidth [BW]	Fc ±37.5MHz[1805~1880MHz]	OK
3. Insertion Loss in BW	1.4dB Max. 1.2dB Typ.	Proposed
4. Ripple	0.8dB Max.	Proposed
5. Return Loss	- 18dB(Max.), <1.28:1.	OK
6. Rejections	75dB(min.), 80dB(Typ.) @ 1945-4000MHz	OK
	30dB(min.) @ 4000-6000MHz	Proposed
7. In/Out Impedance	50 Ohm	OK
8. Operating Temperature	-20 ~ +70°C	OK
9. Power Handling	20W Max.	OK
10. Size (W × D × H)	140.2x56.38x29.0 [mm]	TBD
11. Interface	SMA(F)	OK
12. Finish	Epxy gray	OK

Remarks: This is a preliminary datasheet for reference.

Simulation Curve

