

PRODUCT SPECIFICATION FOR INFORMATION

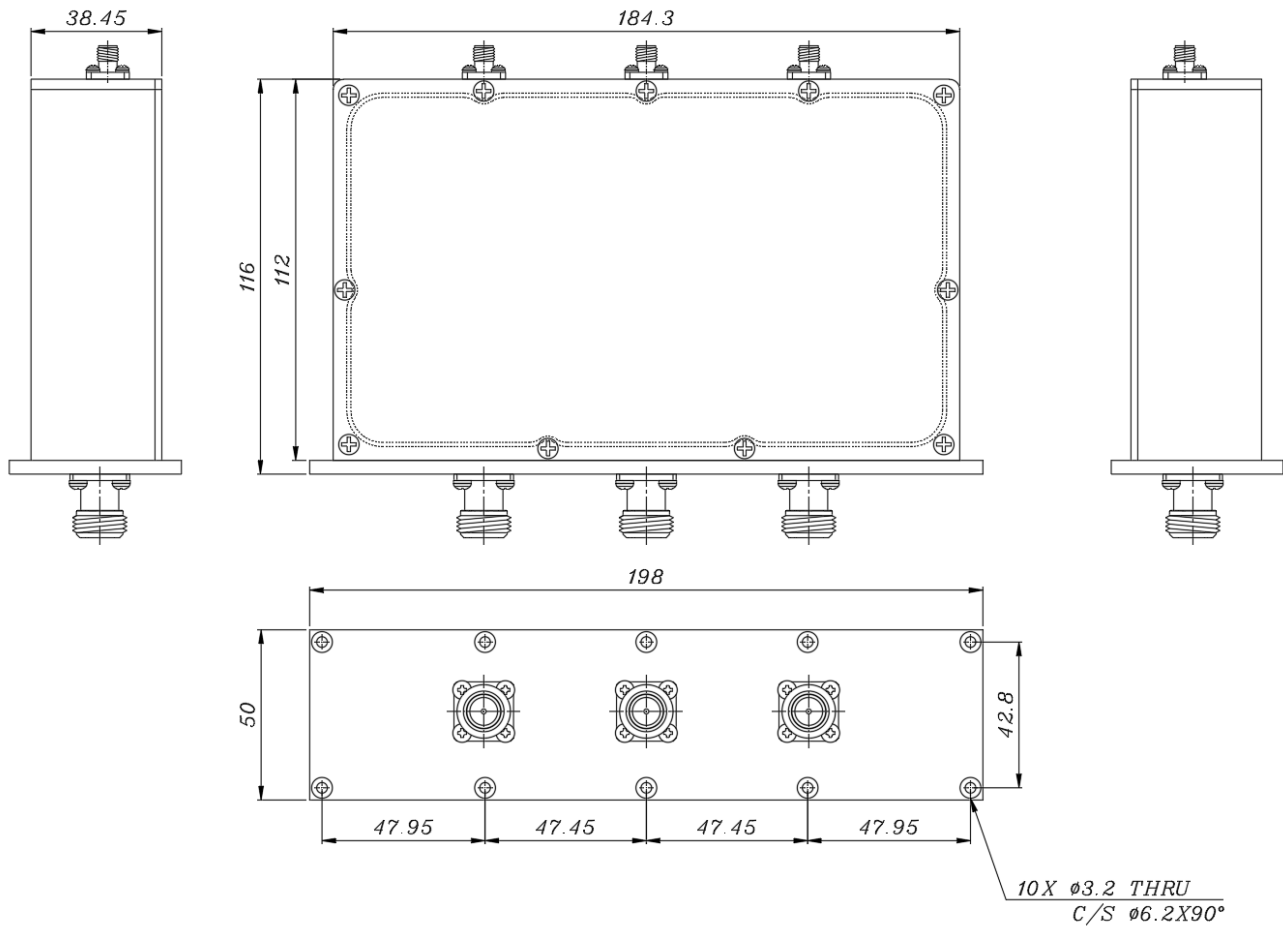
PRELIMINARY SPECIFICATION

Product Name : 3CH Band Pass Filter

Part No : MMP-C1842.5_75M-A-R1

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.09.03	Jeffrey Chung	Michael Jeon
2	R1	Change size & painting	2024.11.05	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	1842.5 MHz	OK
2. Bandwidth [BW]	$F_c \pm 37.5\text{MHz}$ [1805~1880MHz]	OK
3. Average Insertion Loss in BW	Less than 0.5dB	OK
4. Ripple	Less than 0.5dB	OK
5. Return Loss	- 13dB Max.	OK
6. Rejections	50 dBc(min.) @ 1710-1785MHz	OK
	50 dBc(min.) @ 1950-2100MHz	OK
7. In/Out Impedance	50 Ohm	OK
8. Operating Temperature	-30 ~ +55°C	OK
9. Power Handling	1W Avg.	OK
10. Size (W × D × H)	198.0 x 116.0 x 50.0 [mm]	OK
11.Connector	SMA(F), N(F) with O-ring	OK
12. Finish	Any corrosion protection coating to be provided across the entire surface	OK
13. Tuning screws	To be provided only on top and secured.	OK
14. Mounting Holes	As per diagram.	OK
15. Inscriptions to be provided on filter body	DL 1805-1880MHz.	OK
16. Paint	White (powder coating)	OK

Remarks: This is a preliminary datasheet for reference.

Simulation Curve

