

PRODUCT SPECIFICATION FOR INFORMATION

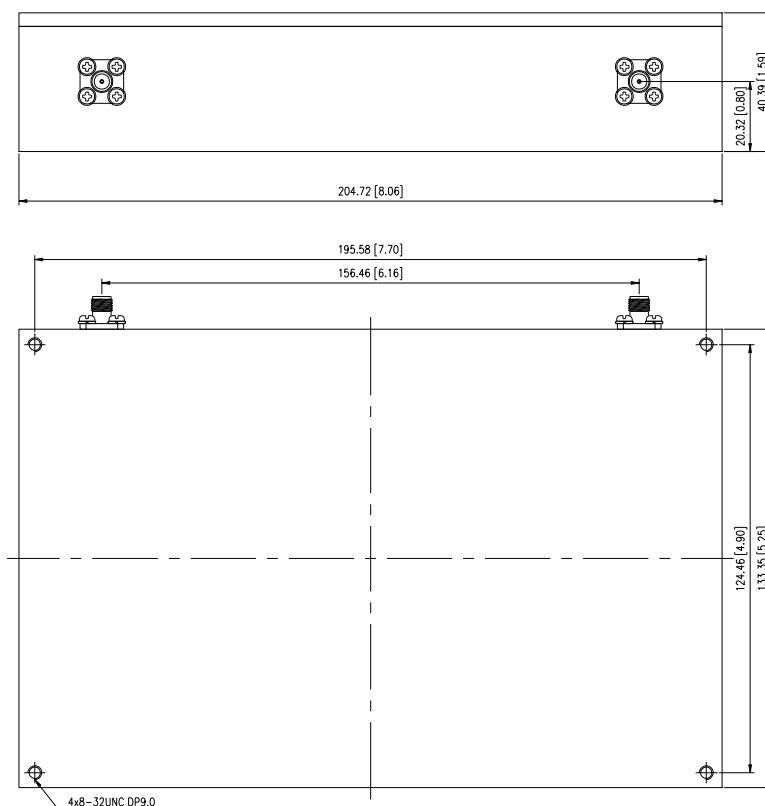
PRELIMINARY SPECIFICATION

Product Name : Band Pass Filter

Part No : MBP-C440-20MS-A-R0

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2023.11.16	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	440 MHz	OK
2. Bandwidth [BW]	$F_c \pm 10\text{MHz}$ [430~450MHz]	OK
3. Insertion Loss in BW	0.8dB Max.	OK
4. Passband Ripple	0.4dB Max.	OK
5. Return Loss	18dB Min.	OK
6. Rejections	40dB Min @ 410MHz	OK
	50dBc Min @ 470MHz	OK
6. In/Out Impedance	50Ohm	OK
7. Operating Temperature	-20 ~ +80°C	OK
8. Power Handling	20W CW.	OK
9. Size (W × D × H)	5.25 x 8.06 x 1.59 [inch]	OK
10. Interface	SMA(F)	OK
11. Finish	Epoxy Black	TBD

Remarks: This is a preliminary datasheet for reference.

■ Simulation Curve

