

PRODUCT SPECIFICATION FOR INFORMATION

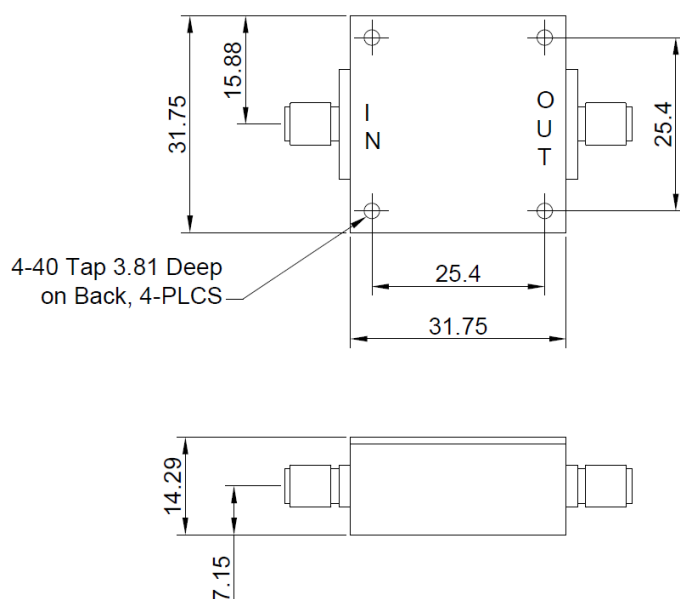
PRELIMINARY SPECIFICATION

Product Name : Band Pass Filter Using SAW

Part No : MBP-C1600_20MS-A-R0

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.05.20	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	1600 MHz	OK
2. Bandwidth [BW]	$F_c \pm 10\text{MHz}$ [1590~1610MHz]	OK
3. Insertion Loss in BW	2.7dB Typ. 3.7dB Max.	proposal
4. Ripple Deviation	1.5dB Typ. 2.5dB Max.	proposal
5. Return Loss	18dB Min.	proposal
6. Group Delay	30nS Typ. 50nS Max.	proposal
7. Group Delay Ripple	$\pm 10\text{nS}$	proposal
8. Rejections @1540MHz	40dB Min. 45dB Typ.	proposal
9. Rejections @1660MHz	45dB Min. 50dB Typ.	proposal
10. Maximum DC Voltage	3V	OK
11. In/Out Impedance	50Ohm	OK
12. Operating Temperature	-20 ~ +70°C	proposal
13. Input Power	+10 dBm Max.	proposal
14. Size (W × D × H)	31.75 x 31.75 x 14.29 [mm]	Excluding connectors
15. Interface	SMA(F)	OK
16. Finish	White Chromate	TBD

Remarks: This is a preliminary datasheet for reference.

■ Simulation Curve

