

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

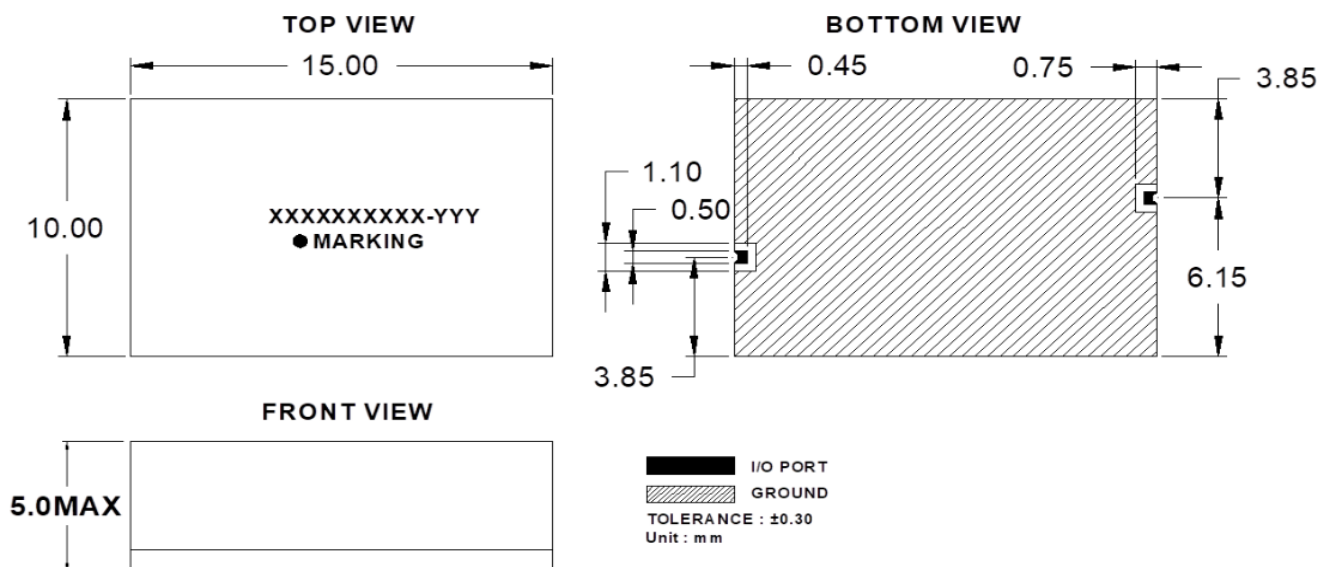
Product Name : LC Band Pass Filter

Part No : MBP-C3755_1590ML-B-R1

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.08.12	Jeffrey Jeong	Michael Jeon
2	R1	Input/Output Pad location changed	2024.08.16	Jeffrey Jeong	Michael Jeon
3					
4					
5					
6					

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	3755MHz	
2. Bandwidth	1590MHz [2960 ~ 4550MHz]	
3. Insertion Loss in BW	2.0dB Max. @ +25°C	D/G :1.6dB Max
4. Ripple in BW	1.5dB Max. @ +25°C	D/G : 1.0dB Max
5. V.S.W.R. in BW	1.6 : 1 Max @ +25°C	
8. Attenuation[Relative Value]	40dBc min @ 20 ~ 2275MHz @ +25°C 30dBc min @ 4900 ~ 5900MHz @ +25°C 30dBc min @ 6300 ~ 6700MHz @ +25°C 30dBc min @ 6710 ~ 7800MHz @ +25°C	D/G 35dBc @ 6500 ~ 7800MHz
10. Power Handling	30dBm Max.	
12. In/Out Impedance	50Ω	
13. Temperature Range	-40°C ~ +85°C	
14. Dimension[WxDxH]	15.0 X 10.0 X 5.0mm Max	

※It is subjected to change with prior notice.

Simulation Curve

