

PRODUCT SPECIFICATION FOR INFORMATION

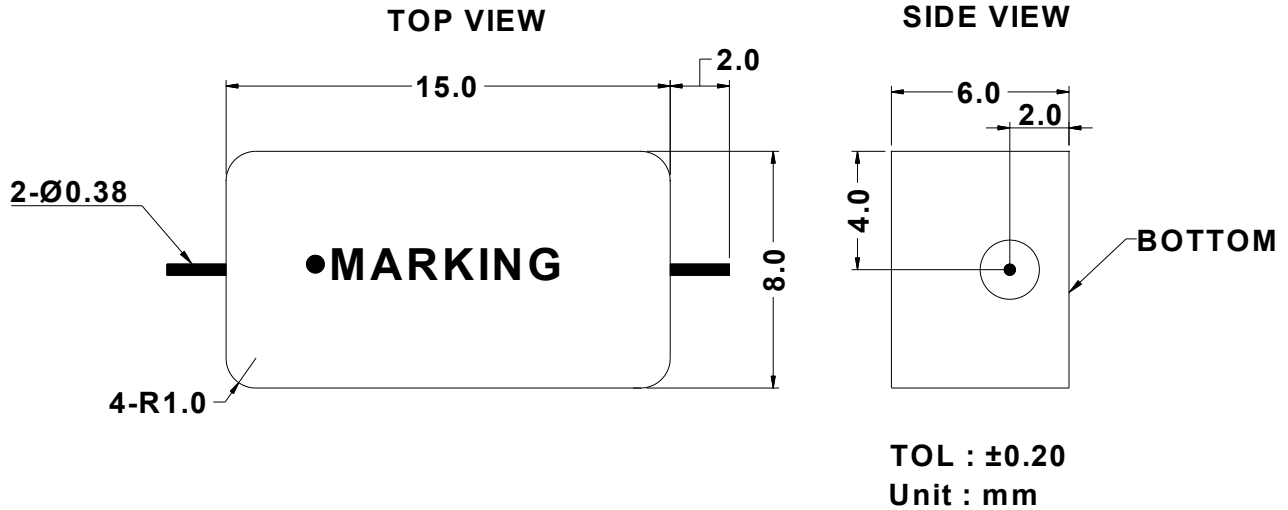
Product Name : LC Band Pass Filter

Part No : MBP-C3000_2400MB-A-R0

■ **History List**

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2026.03.03.	Jeffrey Jeong	Michael Jeon
2					
3					
4					
5					
6					

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	3000MHz	
2. Bandwidth	2400MHz [1800 ~ 4200MHz]	
3. Insertion Loss in BW	3.5dB Max.	
4. Ripple in BW	2.0dB Max.	
5. Return Loss in BW	12dB Min.	
6. Attenuation [Relative Value]	45dB min @ DC ~ 800MHz 45dB min @ 5200 ~ 6200MHz 60dB min @ 6200 ~ 8000MHz	
7. Power Handling	20dBm Max.	
8. In/Out Impedance	50Ω	
9. Temperature Range	-40°C ~ +85°C	

※It is subjected to change with prior notice.

Simulation Curve

m1 freq= 1.800 GHz dB(S(2,1))=-1.132	m3 freq=3.000 GHz dB(S(2,1))=-0.518	m2 freq=4.200 GHz dB(S(2,1))=-1.007
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