

PRODUCT SPECIFICATION FOR INFORMATION

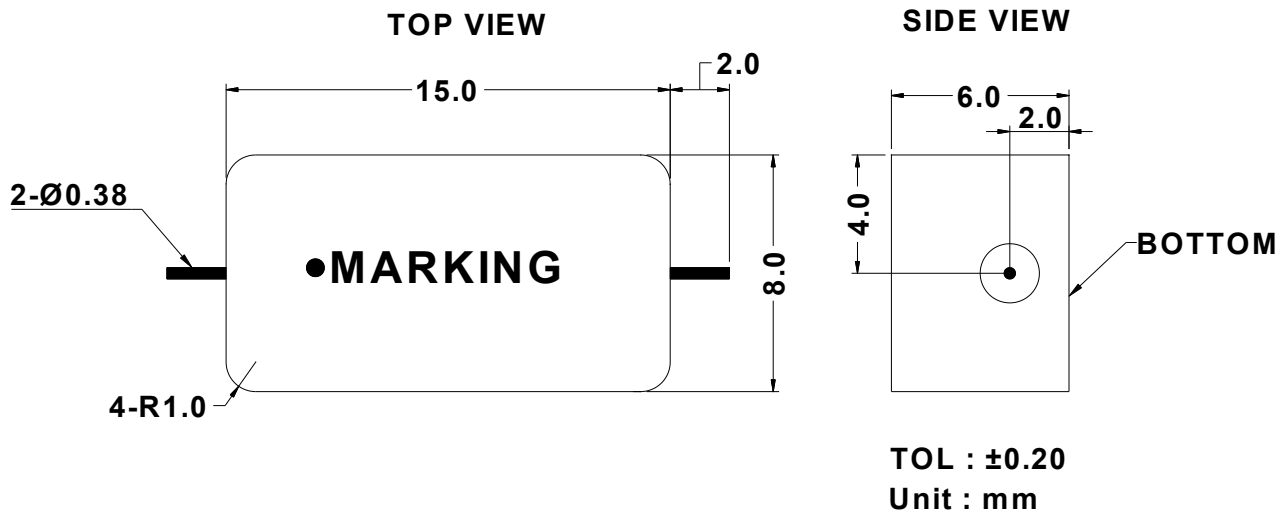
Product Name : LC Band Pass Filter

Part No : MBP-C1600_1200MB-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					

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	1600MHz	
2. Bandwidth	1200MHz [1000 ~ 2200MHz]	
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 ~ 700MHz 45dB min @ 3200 ~ 4200MHz 60dB min @ 4200 ~ 6000MHz	
7. Power Handling	20dBm Max.	
8. In/Out Impedance	50Ω	
9. Temperature Range	-40°C ~ +85°C	

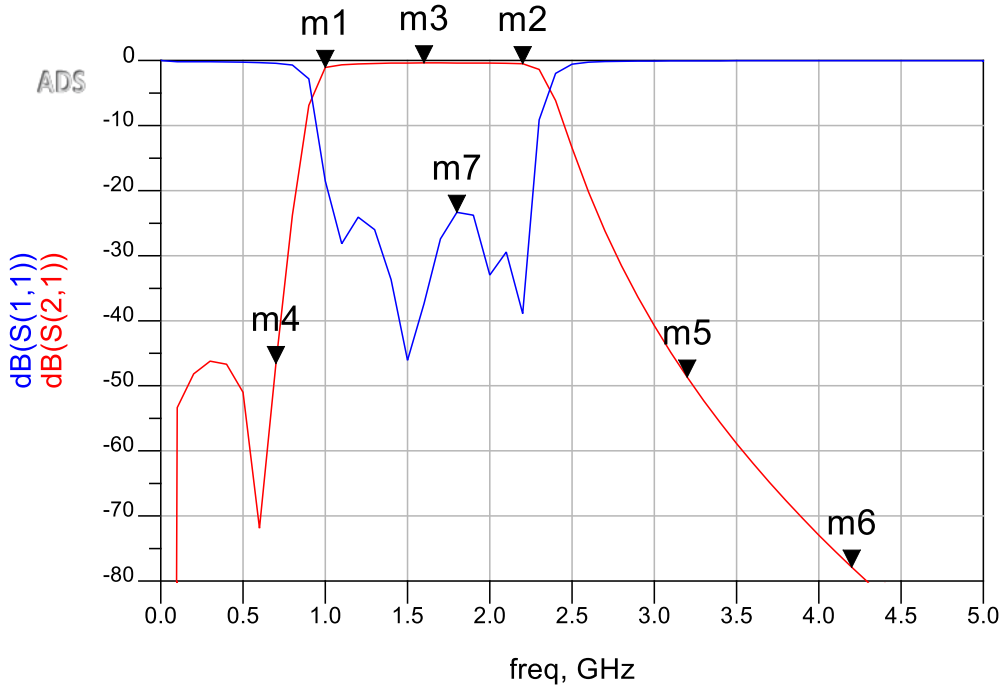
※It is subjected to change with prior notice.

■ Simulation Curve

m1
freq= 1.000 GHz
dB(S(2,1))=-1.081

m3
freq= 1.600 GHz
dB(S(2,1))=-0.376

m2
freq= 2.200 GHz
dB(S(2,1))=-0.521



m4
freq= 700.0 MHz
dB(S(2,1))=-46.591

m5
freq= 3.200 GHz
dB(S(2,1))=-48.676

m6
freq= 4.200 GHz
dB(S(2,1))=-77.872

m7
freq= 1.800 GHz
dB(S(1,1))=-23.343
Peak