

PRODUCT SPECIFICATION FOR INFORMATION



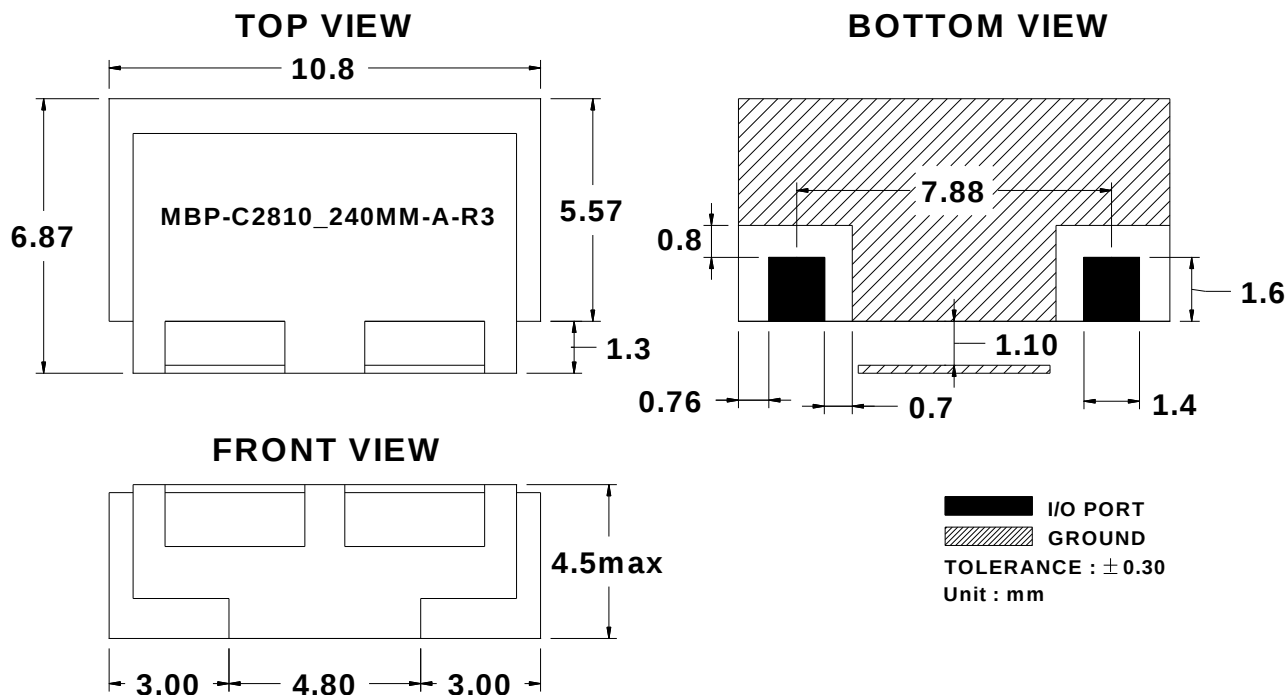
Product Name : Ceramic Band Pass Filter

Part No : MBP-C2810_240MM-A-R3

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2025. 03. 19.	Jeffrey Jeong	Michael Jeon
2	R1	G.D.V added	2025. 03. 21.	Jeffrey Jeong	Michael Jeon
3	R2	Temperature Range Changed	2025. 04. 03.	Jeffrey Jeong	Michael Jeon
4	R3	Atten range updated	2025. 04. 07.	Jeffrey Jeong	Michael Jeon
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■ Mechanical Drawing

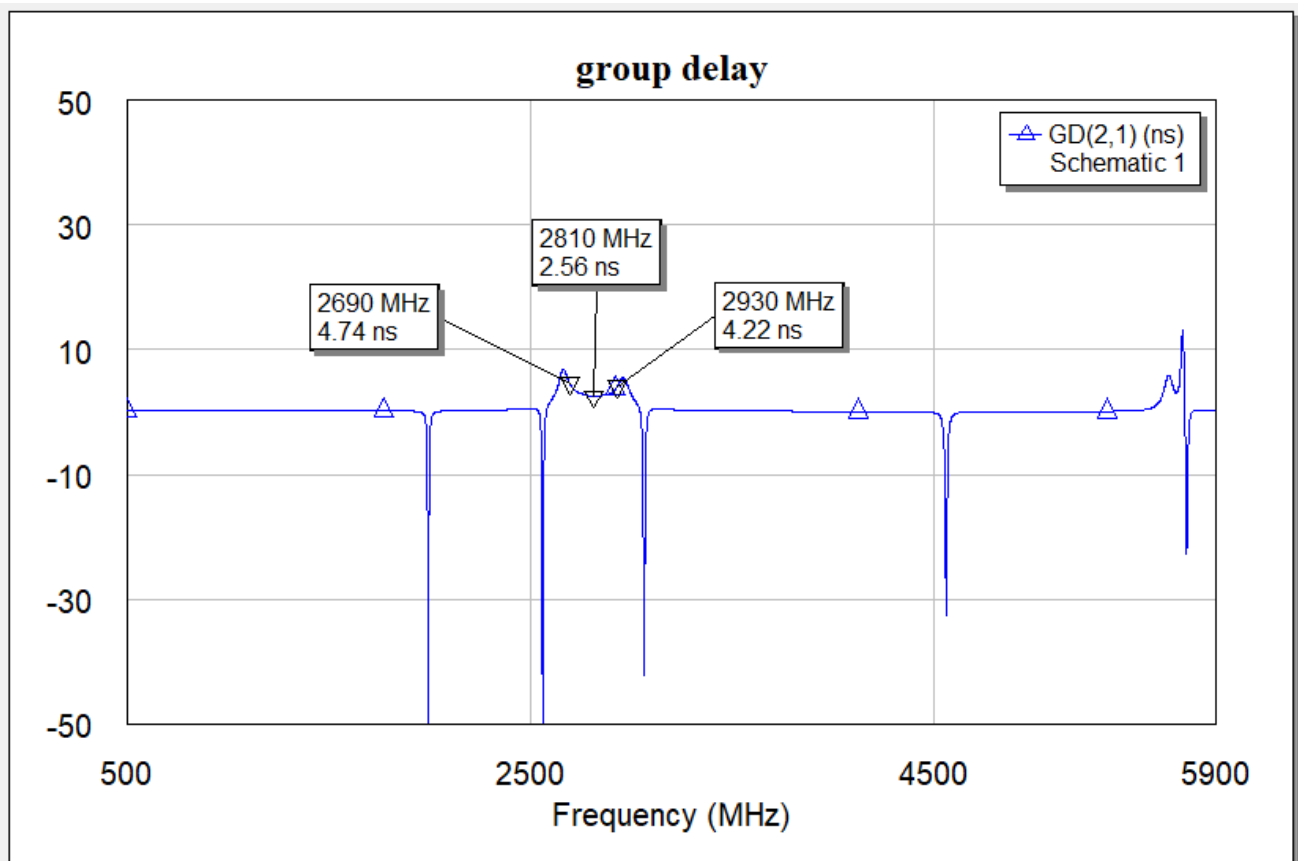
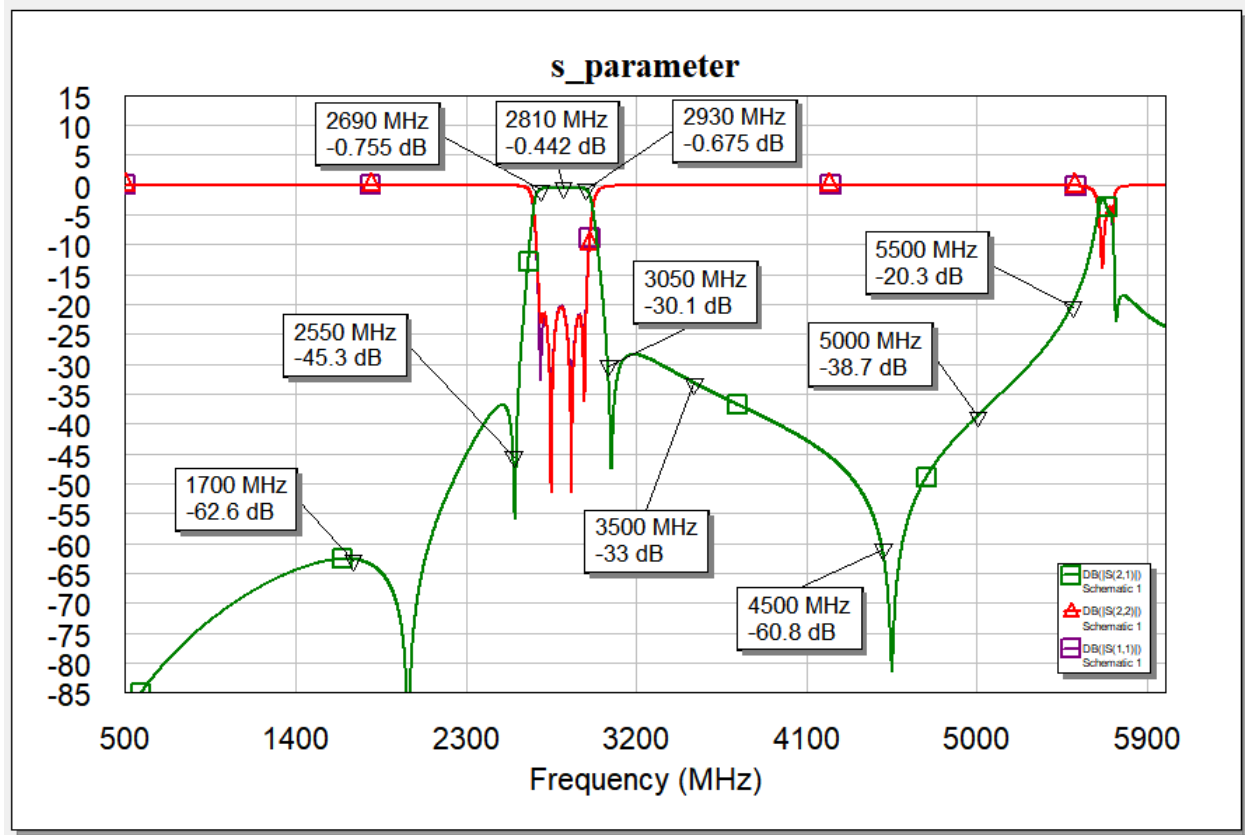


■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	2810MHz	
2. Bandwidth	240MHz [2690 ~ 2930MHz]	
3. Insertion Loss in BW	2.0dB Max.	
4. Ripple in BW	0.5dB Max.	
5. V.S.W.R. in BW	1.4 : 1 Max	
6. Attenuation[Absolute Value]	40dB min @ DC ~ 1700MHz 25dB min @ 1700 ~ 2550MHz 25dB min @ 3050 ~ 4500MHz 20dB min @ 4500 ~ 5400MHz	
7. Group Delay Variation	5nS Max.	
8. Power Handling	27dBm Max.	
9. In/Out Impedance	50Ω	
10. Operating Temp Range	-40°C ~ +85°C	
11. Dimension[WxDxH]	10.8 X 6.3 X 4.5mm ± 0.3 Max	

※Final Spec will be defined after order

■ Simulation Curve



■ Recommended PCB land Pattern

