

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

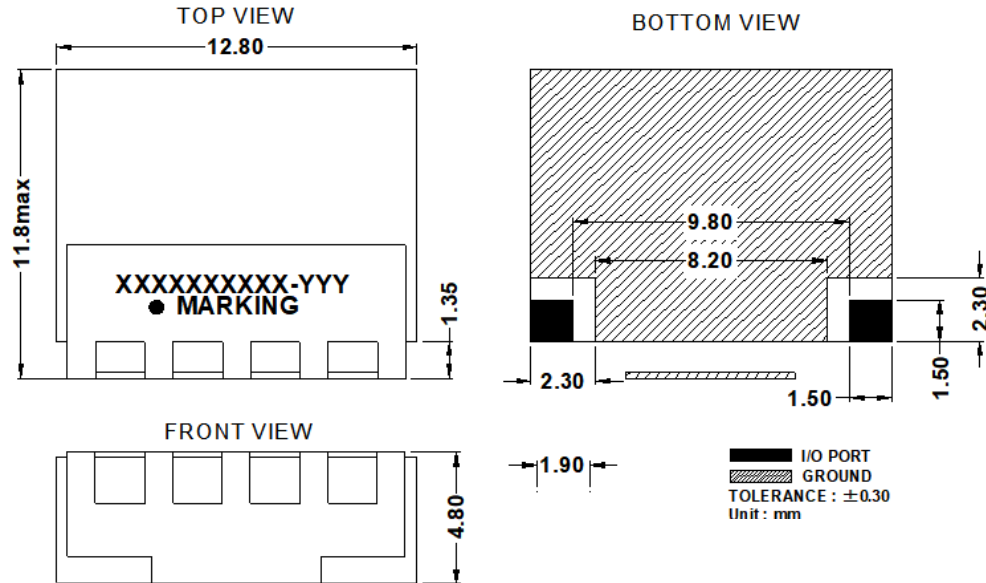
Product Name : Ceramic Band Pass Filter

Part No : MBP-C1300_170MM-A-R2

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.09.19.	Jeffrey Jeong	Michael Jeon
2	R1	Attenuation segmented	2024.09. 20.	Jeffrey Jeong	Michael Jeon
3	R2	GVD to 6nS Max	2024.10.09.	Jeffrey Jeong	Michael Jeon
4					
5					
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■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	1300MHz	
2. Bandwidth	170MHz [1215 ~ 1385MHz]	
3. Insertion Loss in BW	2.5dB Max.	
4. Ripple in BW	1.0dB Max.	
5. V.S.W.R. in BW	1.5 : 1 Max	
6. Group Delay Variation in BW	6nS Max	
6. Attenuation[Absolute Value]	70dB min @ DC ~ 500MHz 65dB min @ 600 ~ 700MHz 55dB min @ 800 ~ 900MHz 45dB min @ 1000 ~ 1100MHz 45dB min @ 1500 ~ 1600MHz 55dB min @ 1700 ~ 1800MHz 60dB min @ 1900 ~ 2000MHz 55dB min @ 2100 ~ 2500MHz 30dB min @ 2500 ~ 3000MHz	
7. Power Handling	34dBm Max.	
8. In/Out Impedance	50Ω	
9. Operating Temp Range	-40°C ~ +85°C	
11. Dimension[WxDxH]	12.8 X 11.8 X 4.8mm ±0.3 Max	

※It is subjected to change with prior notice.

Simulation Curve

