

PRODUCT SPECIFICATION FOR INFORMATION

FINAL SPECIFICATION

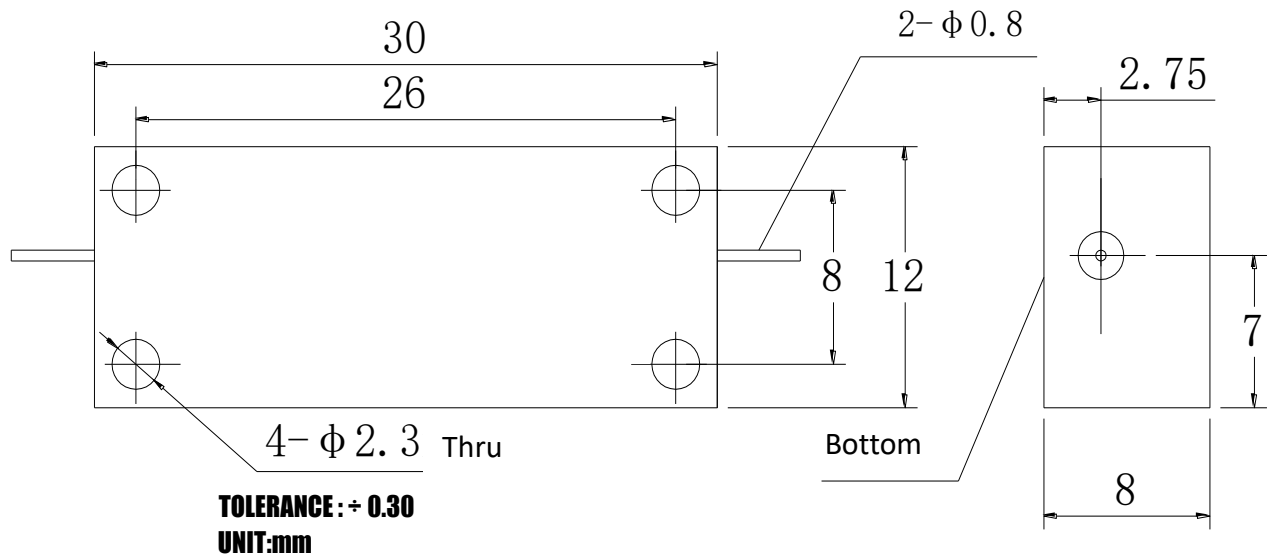
Product Name : LC Band Pass Filter

Part No : MBP-C5291_220ML-A-R1

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2023.10.24	Jeffrey Jeong	Michael Jeon
2		Rejection updated	2023.12.14	Jeffrey Jeong	Michael Jeon
3					
4					
5					
6					

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	5291.66MHz	
2. 0.7dB Bandwidth	$F0 \pm 91.6665 [5200 \sim 5383.333 \text{MHz}]$ min	
3. 3dB Bandwidth	$F0 \pm 110 [5181.665 \sim 5401.665 \text{MHz}]$ min	
4. Insertion Loss @ F0	3.0dB Max.	
5. Return Loss in 3dB BW(S11, S22)	15dB Min.	
6. Attenuation[Absolute Value]	68dB min @ 5~4650MHz 61dB min @ 4650 ~ 4750MHz 54dB min @ 4750 ~ 4850MHz 44dB min @ 4850 ~ 4950MHz 30dB min @ 4950 ~ 5050MHz 7dB min @ 5050 ~ 5150MHz 4dB min @ 5430 ~ 5550MHz 34dB min @ 5550 ~ 5650MHz 48dB min @ 5650 ~ 5750MHz 58dB min @ 5750 ~ 5850MHz 66dB min @ 5850 ~ 5950MHz 60dB min @ 5950 ~ 7500MHz 45dB min @ 7500 ~ 8500MHz	
7. Power Handling	30dBm Max.	
8. In/Out Impedance	50 Ω	
9. Temperature Range	-40°C ~ +85°C	
10. Dimension[WxDxH]	12.0 X 30.0 X 8.0mm Max	

Test Curve

