

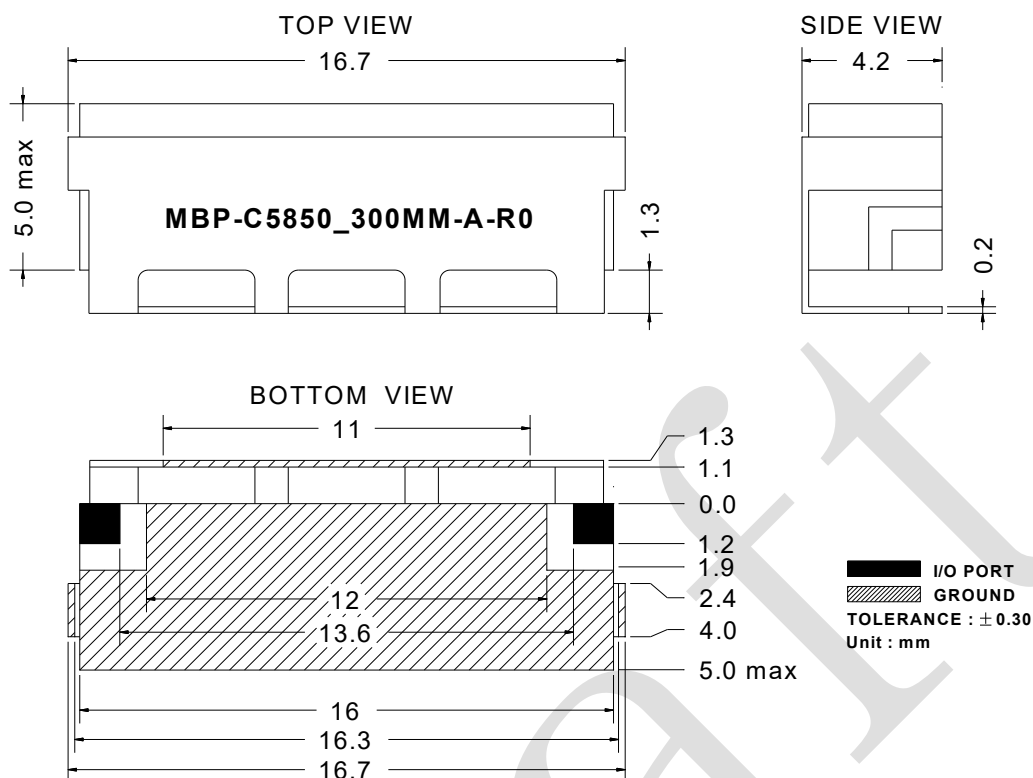
PRODUCT SPECIFICATION FOR INFORMATION

Product Name : Ceramic Band Pass Filter

Part No : MBP-C5850_300MM-A-R0

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2025.11.12.	Jeffrey Chung	Michael Jeon
2		PCB Land Pattern corrected	2025.12.16.	Jeffrey Chung	Michael Jeon
3		Drawing updated	2025.12.19.	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing

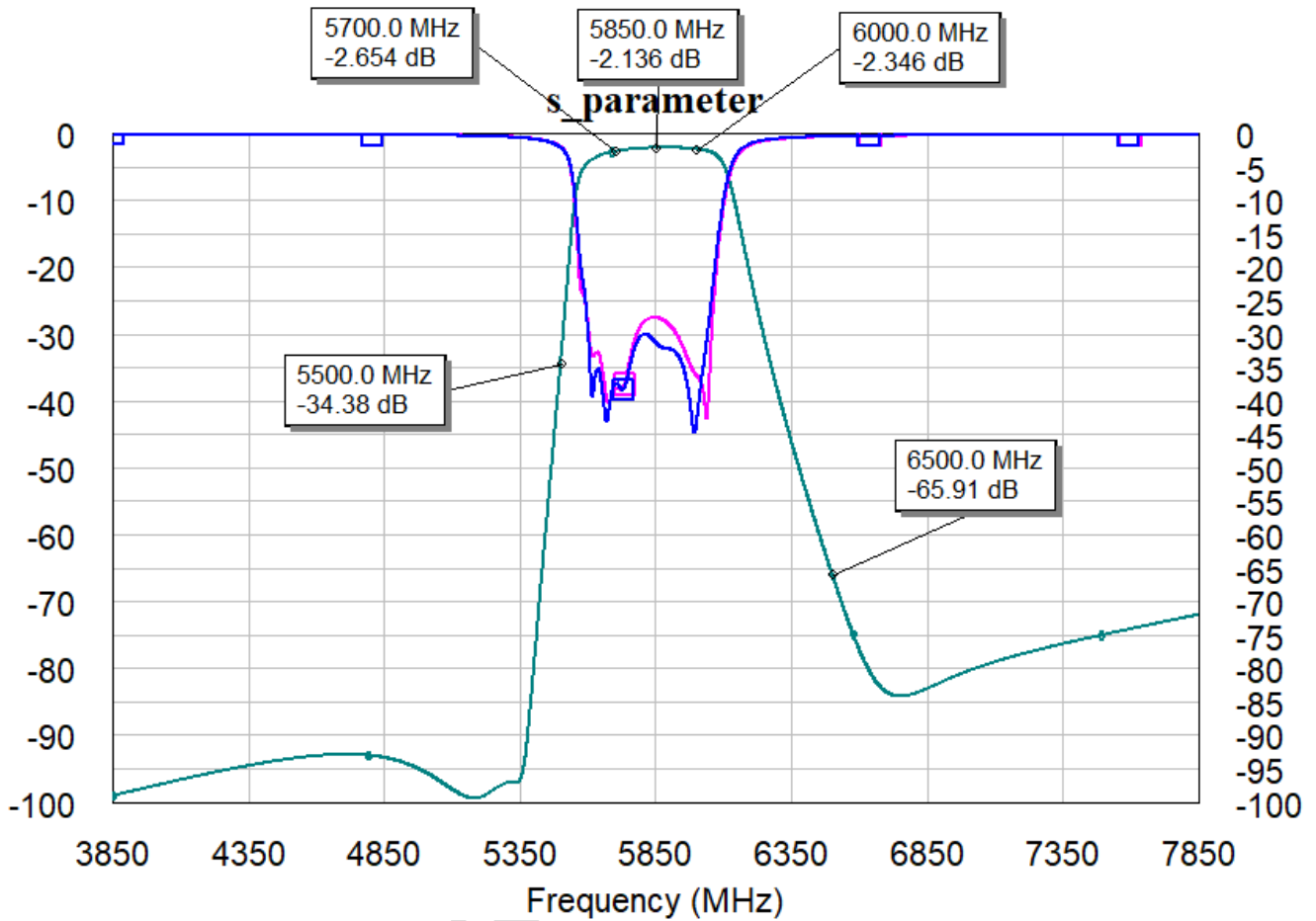


■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	5850MHz	
2. Bandwidth[BW]	300MHz [5700 ~ 6000MHz]	
3. Insertion Loss in BW	3.0dB Max.	
4. Ripple in BW	1.0dB Max.	
5. Return Loss	15dB min	
6. Rejections [Absolute Value]	30dB Min @ 5500MHz 60dB Min @ 6500MHz	
7. Impedance	50Ohm	
8. Operating Temperature	-40°C ~ +85°C	
9. Power Handling	30dBm Max.	
10. Size (W × D × H)	16.7 x 5.0 x 4.2mm ± 0.3 mm	

Remarks: The recommended soldering temperature does not exceed 220°C

■ Simulation Curve



■ Recommended PCB Land Pattern

