

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

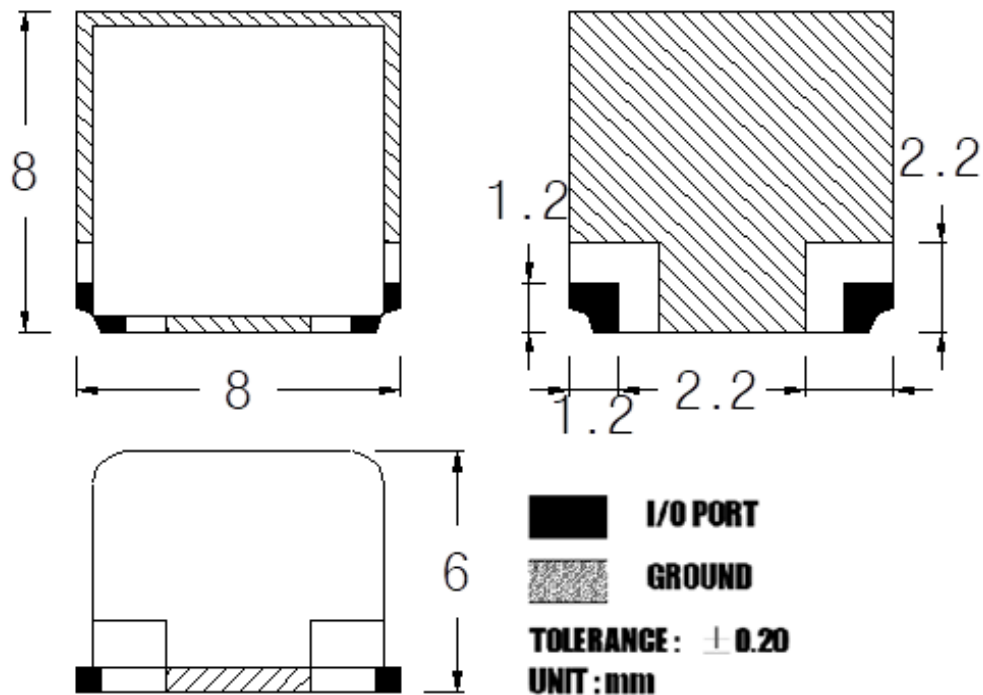
Product Name: LC Band Pass Filter

Part No: MBP-C1350_500ML-A-R1

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2022.11.21	Bryan Jeon	Michael Jeon
2	R1	Has changed filter size from 10*15*6 to 8*8x6mm	2022.11.23	Bryan Jeon	Michael Jeon

■ Mechanical Drawing



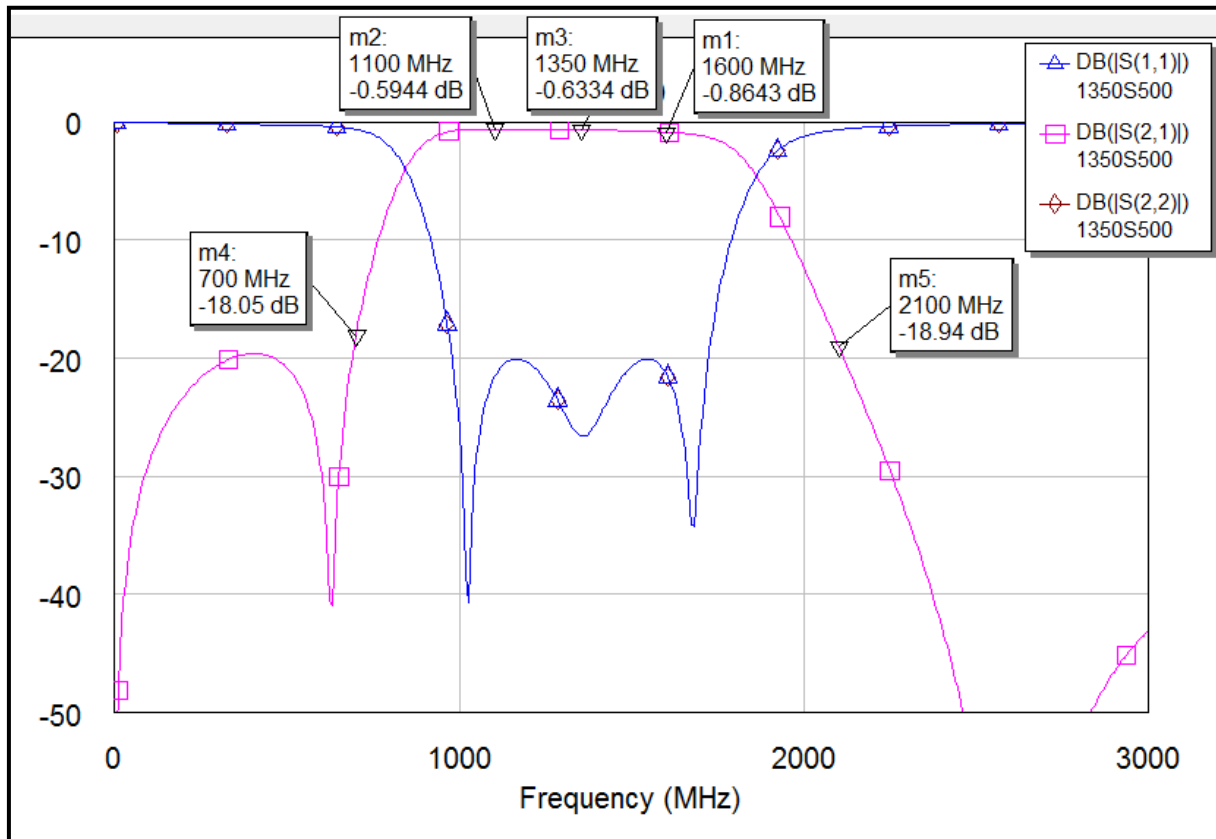
Note
 1. Connector: SMD
 2. Finish: Silver plated

■ Electrical Specification

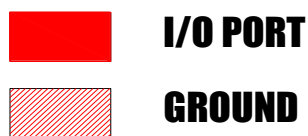
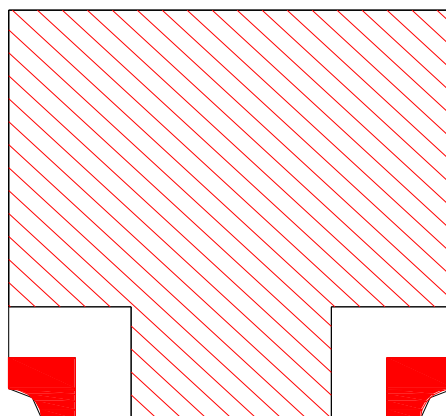
Parameter	Specification	Remark
1. Center Frequency	1350MHz	
2. Bandwidth [BW]	$F_c \pm 250\text{MHz}$ [1100~1600MHz]	
3. Insertion Loss in BW	1.8dB Max.	
4. Ripple in BW	1.0dB Max.	
5. Return Loss in BW	15 dB Min.	
6. In/Out Impedance	50Ω	
7. Attenuation [Absolute Value]	15dBc Min. @ DC~700MHz	
	15dBc Min. @ 2100~3000MHz	
8. Power Handling	33dBm Max.	
9. Operation Temperature Range	-40°C to +85°C	

Remarks: This is a preliminary datasheet for reference.

■ Simulation Curve



■ Recommended PC Board Pattern



Remark: Recommend using silver-containing solder paste