PRELIMINARY SPECIFICATION

Product Name : LC Band Pass Filter

Part No : MBP-C127.5-29ML-A

.	Rev. No.	Description	Date	Author	Final Approver
1	A	First	2020.07.07	Bryan Jeon	Michael Jeon
2	-	Added PCB Land Pattern	2020.12.17	Bryan Jeon	Michael Jeon

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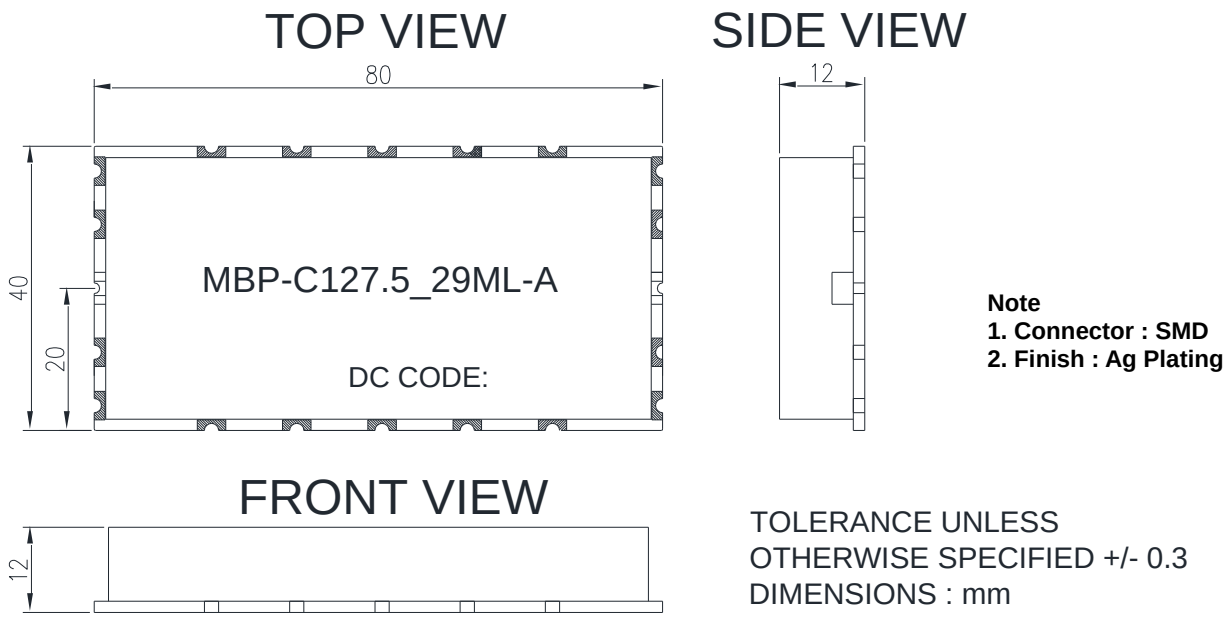
PRODUCT SPECIFICATION FOR INFORMATION

■ Mechanical Drawing



Note
1. Connector : SMD
2. Finish : Ag Plating

■ Electrical Specification

Parameter	Specification	Remark
1. Frequency Range	118 ~ 137MHz	
2. Center Frequency	127.5MHz	
3. Insertion Loss	5.0dB Max.	
4. Return Loss	15dB Min.	
5. Attenuation (107MHz)	50dB Min.	
6. Attenuation (148MHz)	50dB Min.	
7. Size (W x D x H)	80.0 x 40.0 x 12.0	mm
8. Input RF Power	2W Avg.	CW
9. Impedance	50Ω	
10.Operating Temperature	-40 + 85℃	

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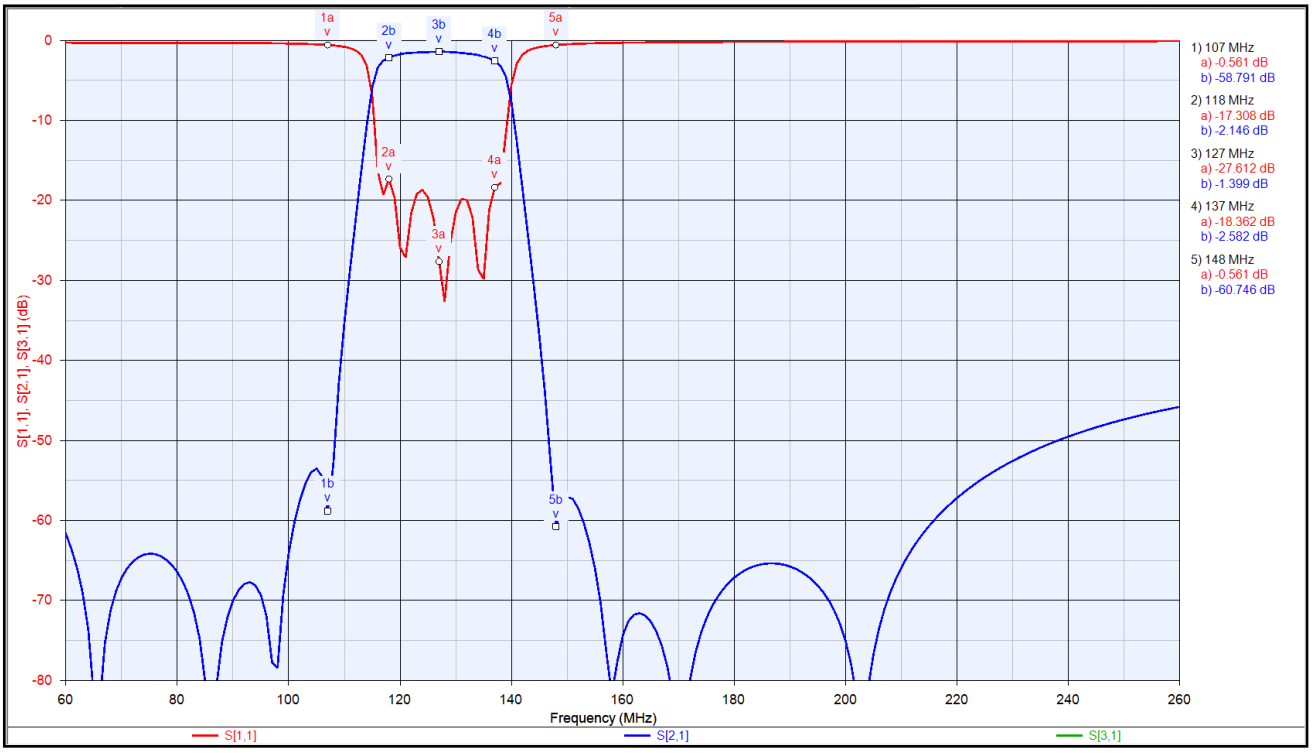
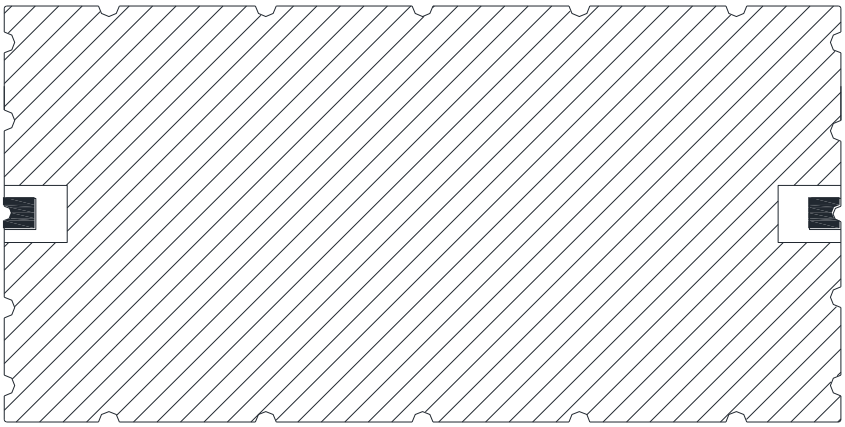
■ Simulation Curve



■ RECOMMANDED PC BOARD PATTERN



IN/OUT SOLDERING POINT

GROUND SOLDERING POINT

Remarks: Recommend using silver-containing solder paste

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