

PRODUCT SPECIFICATION FOR INFORMATION

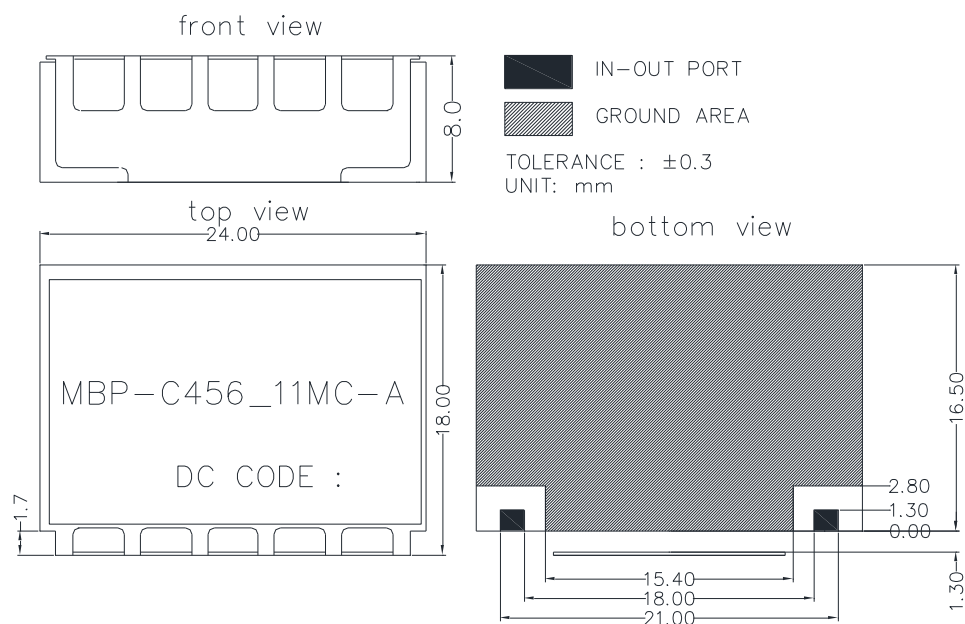
FINAL SPECIFICATION

Product Name :Ceramic Band Pass Filter

Part No : MBP-C456_11MC-A

.	Rev. No.	Description	Date	Author	Final Approver
1	A	First	2020.09.09	Lee Seung Moon	Michael Jeon

■ Mechanical Drawing



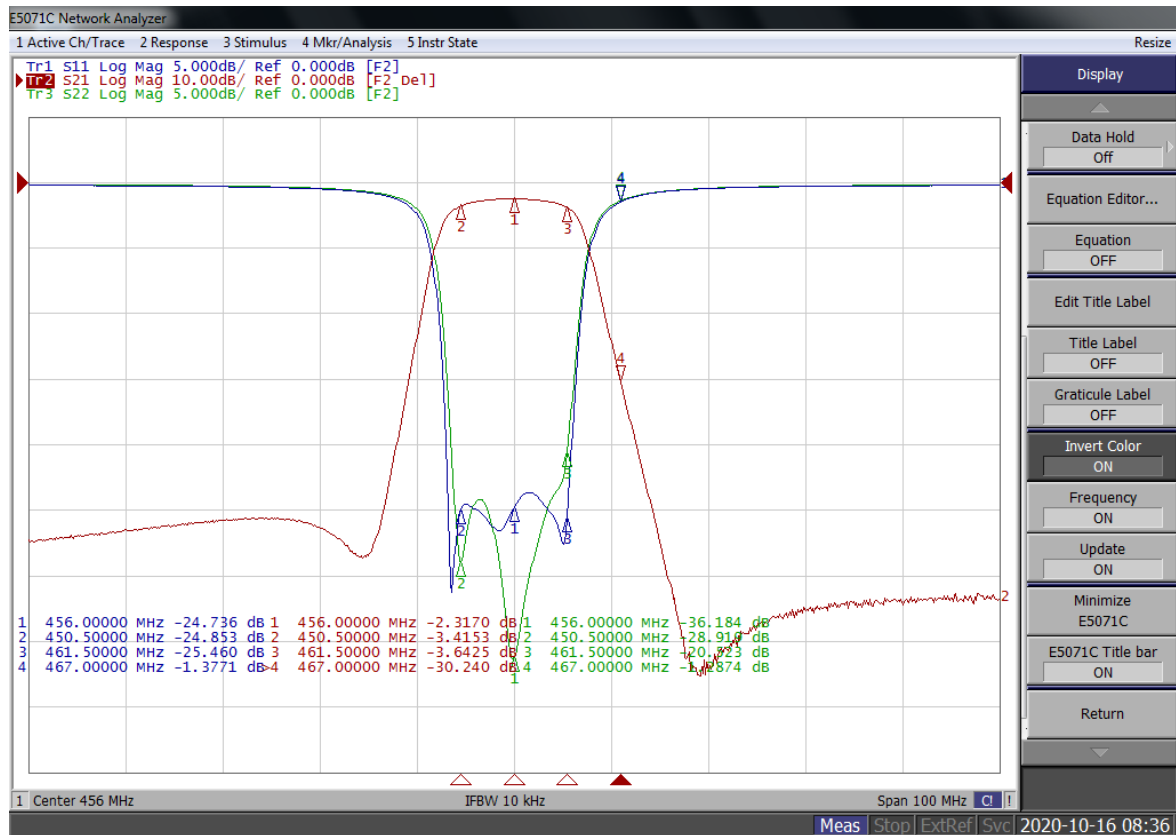
Note

1. Connector : SMD
2. Finish : Ag Plating

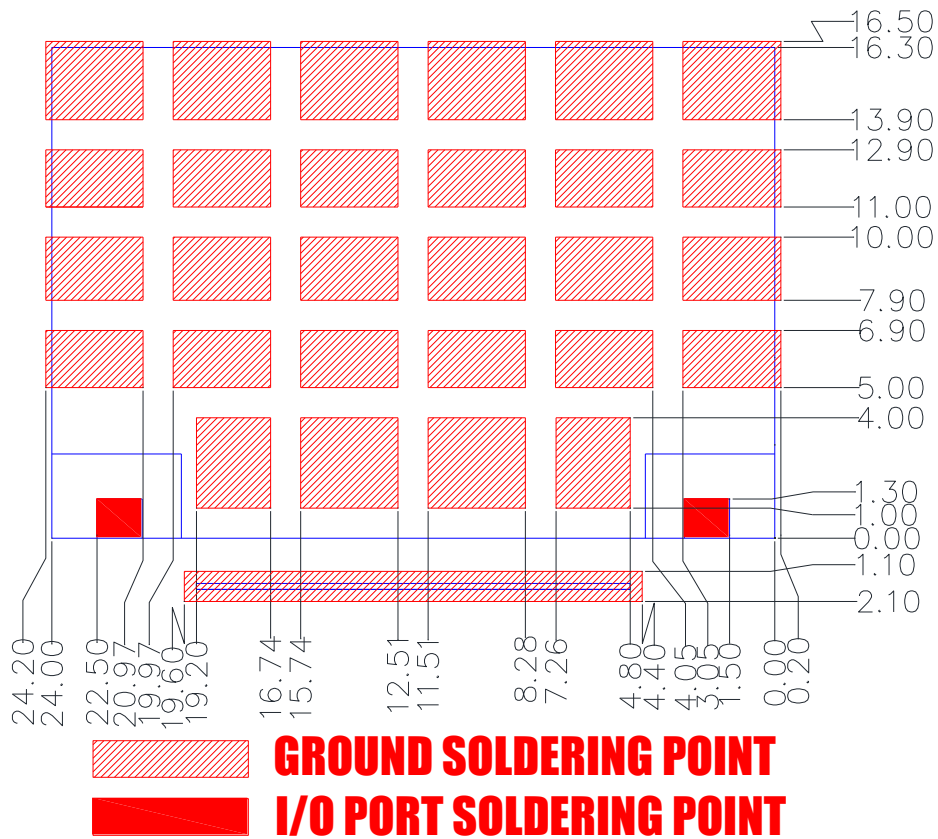
■ Electrical Specification

Item	Specification	Remark
1. Center Frequency	456MHz	
2. Pass Band Frequency	$f_0 \pm 5.5 [450.5 \sim 461.5] \text{MHz}$	
3. Insertion Loss	5.0dB Max.	
4. Ripple in BW	1.5dB Max.	
5. Pass Band Return Loss In/Out	16dB Min.	
6. In/Out Impedance	50 Ω	
7. Attenuation [Absolute Value]	25 dB min. @ 467MHz	
8. Input Power	1 W max.	
9. Operation Temperature Range	-40°C to +85°C	

■ Test Curve



■ RECOMMENDED PC BOARD PATTERN



Remarks: Recommend to use silver-containing solder paste.