

PRODUCT SPECIFICATION FOR INFORMATION

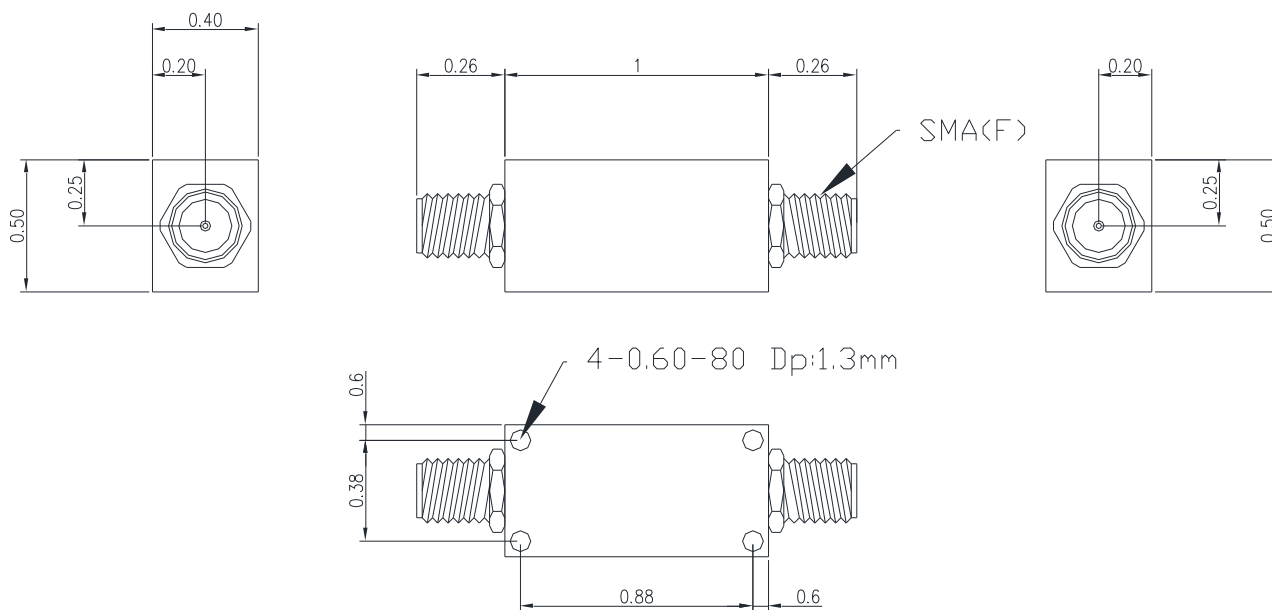
FINAL SPECIFICATION

Product Name: Band Pass Filter
Part No: MBP-C5350_900ML-A-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2022.4.25	Bryan Jeon	Michael Jeon

■ Mechanical Drawing



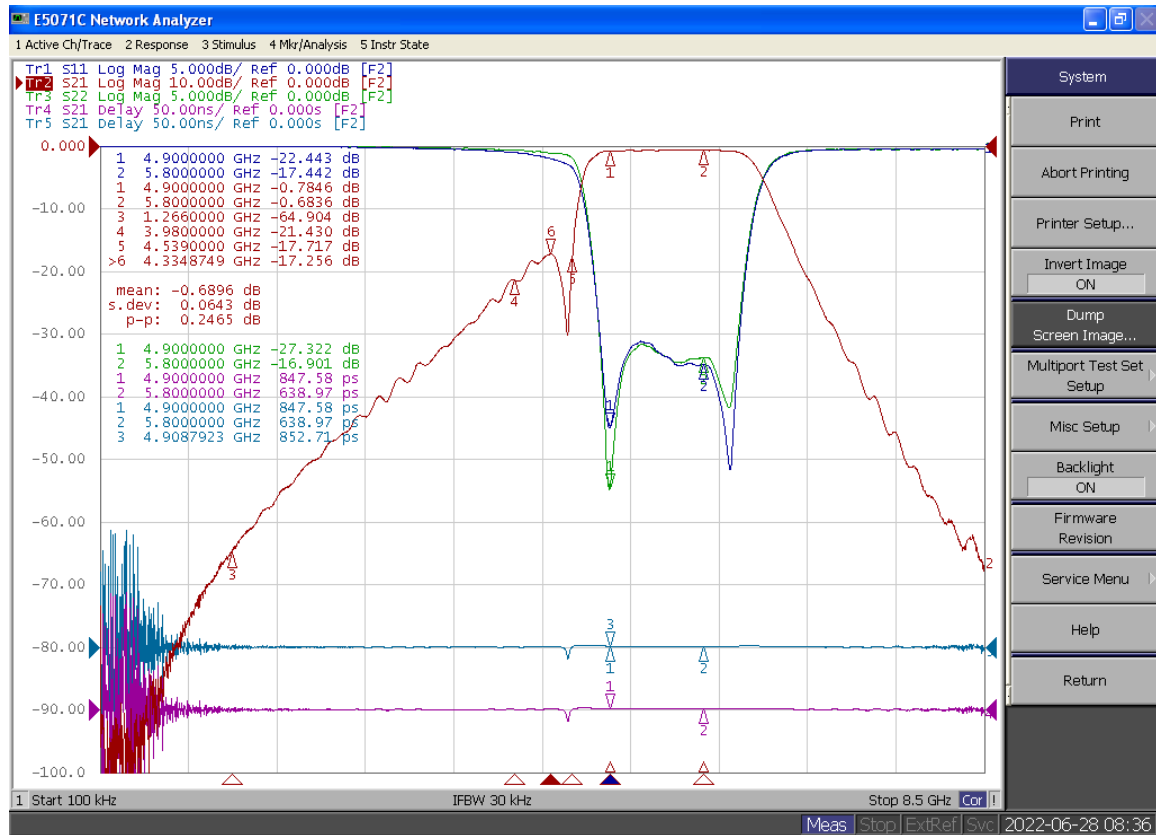
Note

1. Connector: SMA(F)
2. Finish: Silver Plated
3. Unit : Inch

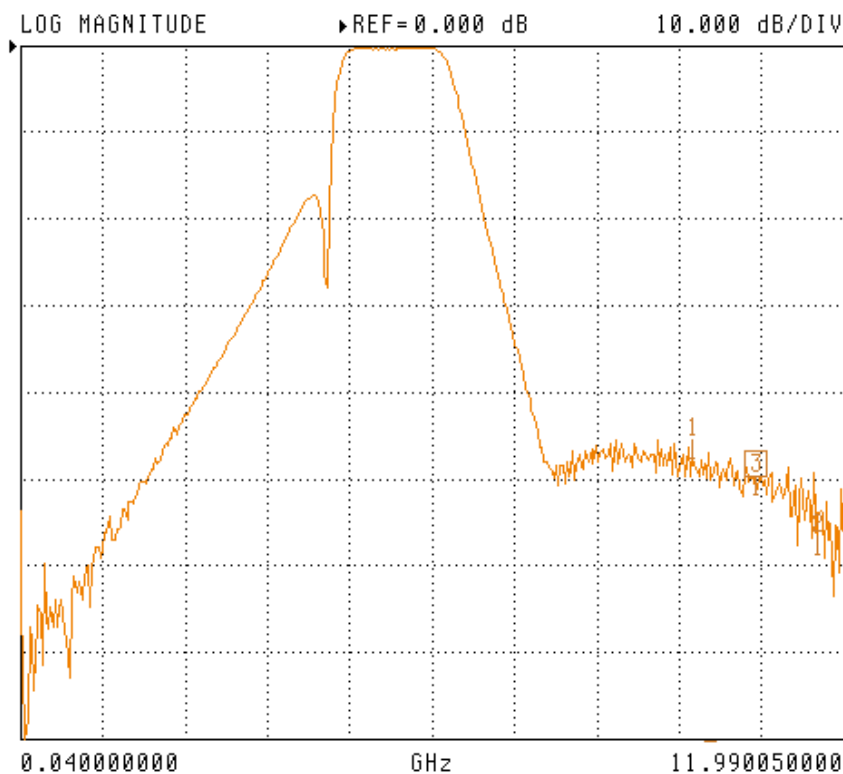
■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	5350MHz	
2. Bandwidth [BW]	Fc ±450MHz[4900~5800MHz]	
3. Insertion Loss in BW	1.0dB Max.	
4. Ripple in BW	0.5dB Max.	
5. Return Loss in BW	13.97dB Min.	
6. In/Out Impedance	50Ω	
7. Attenuation [Absolute Value]	40dB Min.@ DC-1266MHz	
	15dB Min.@ 3980~4539MHz	
	40dB Min.@ 9800~11600MHz	
8.Group Delay(@fo)	0.6±1.5ns	
9.Groip Delay Ripple	1.0ns Max.	
10. Power Handling	1W Max.	
11.Size	1x0.5x0.4 inch	
12. Operation Temperature Range	-10°C to +75°C	

Test curve



S21 FORWARD TRANSMISSION



CH 3 - S21
0.0000 mm REF
0.000 dB OFFSET
0.00° OFFSET

MARKER 3
10.732150000 GHz
-51.761 dB

MARKER TO MAX
MARKER TO MIN

1 9.803700000 GHz
-47.555 dB

2 11.600700000 GHz
-58.760 dB

MARKER READOUT
FUNCTIONS