

PRODUCT SPECIFICATION FOR INFORMATION

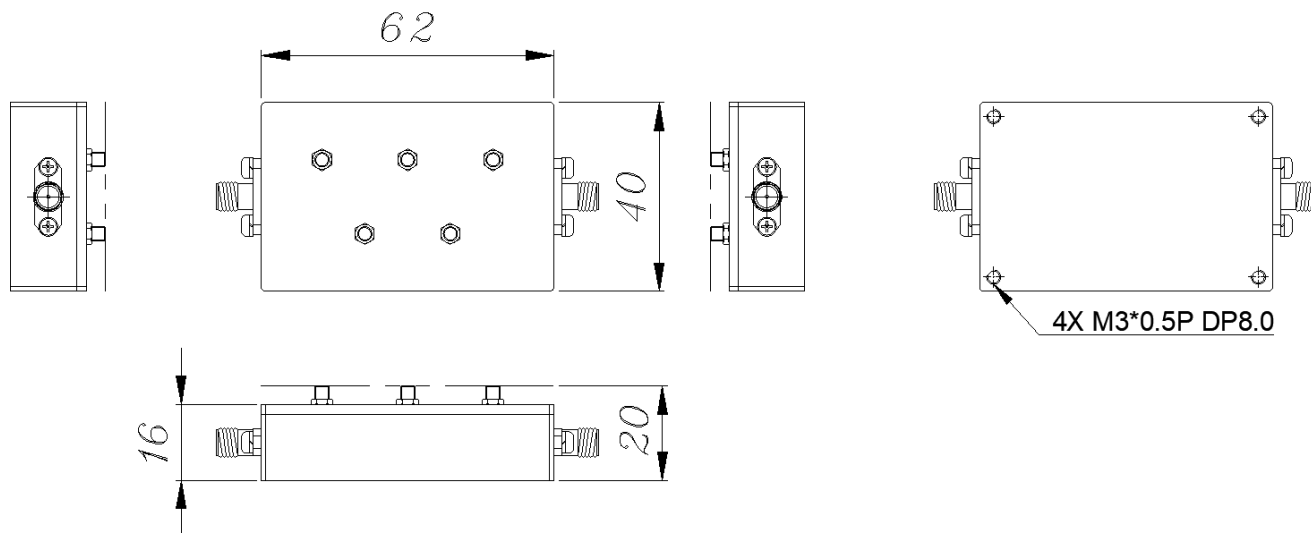
FINAL SPECIFICATION

Product Name : Cavity _Band Pass Filter

Part No : MBP-C6160_40MS-A-R0

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2025.02.25	Jeffrey Chung	Michael Jeon

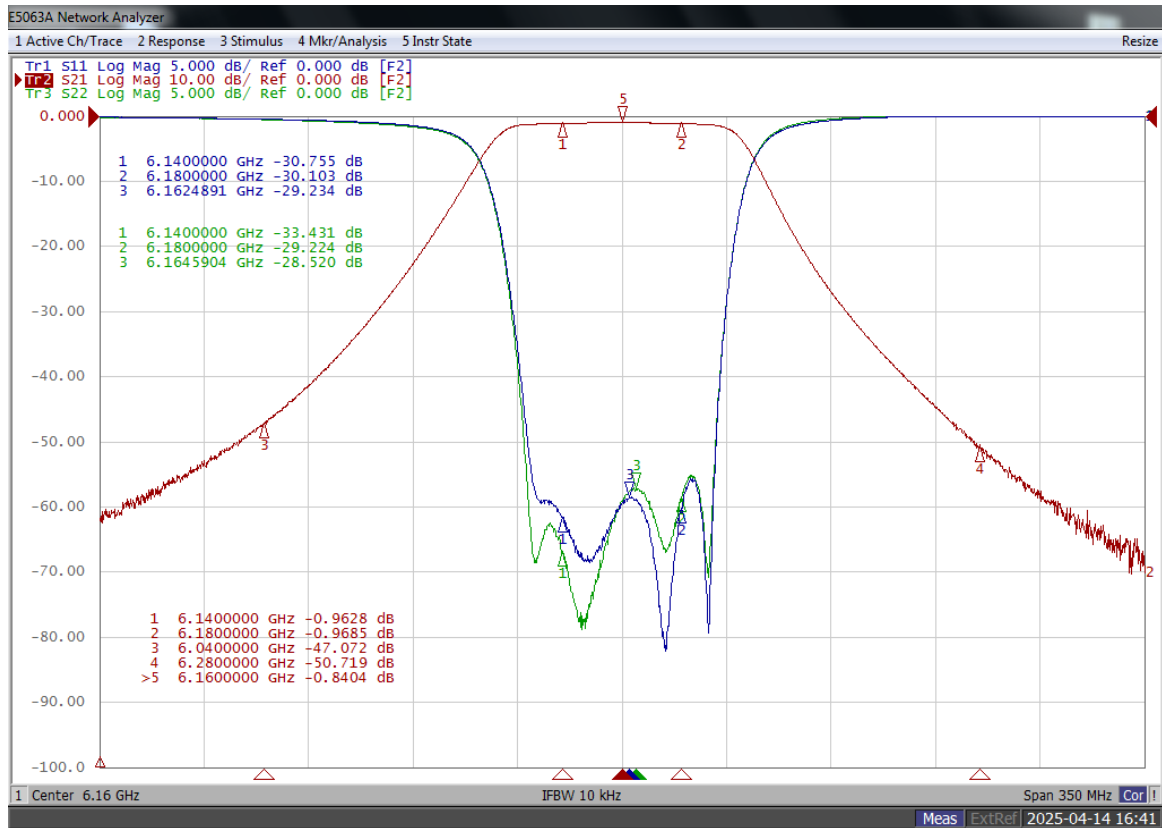
■ Mechanical Drawing



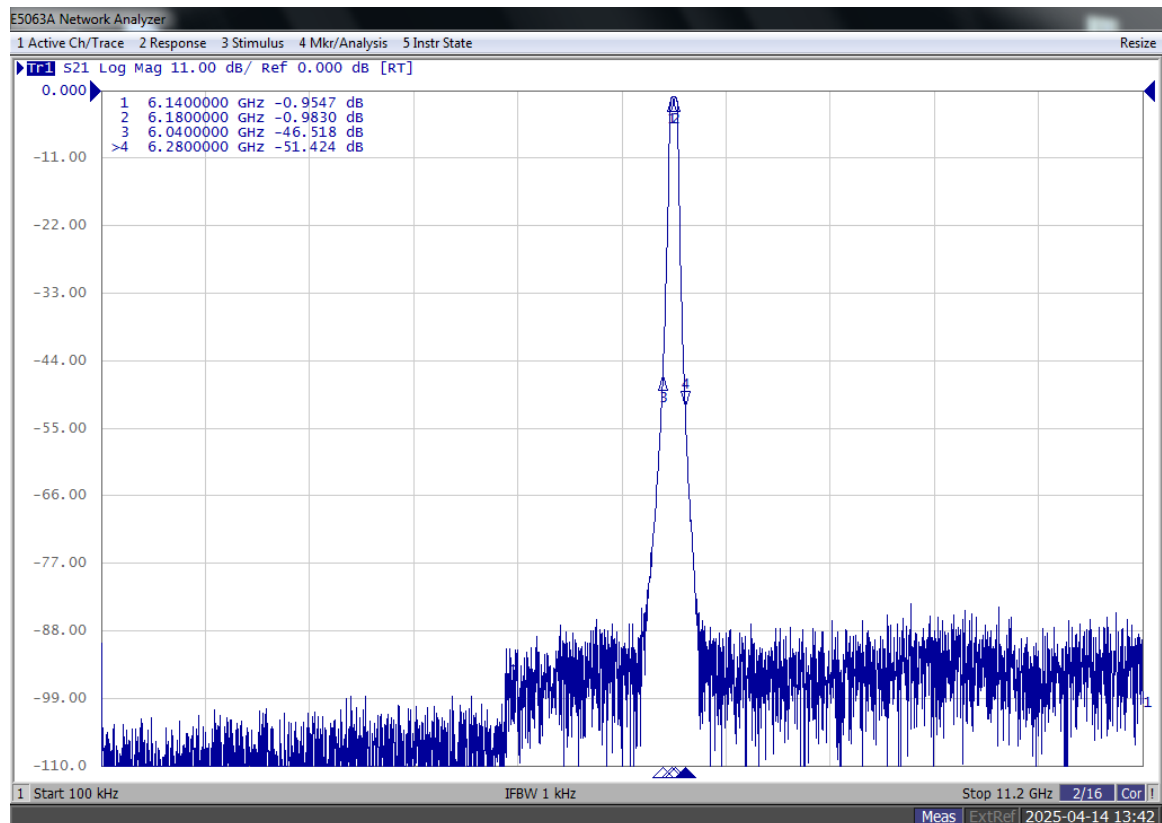
■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	6160MHz	
2. Bandwidth [BW]	$F_c \pm 20\text{MHz}$ [6140~6180MHz]	
3. Insertion Loss in BW	4dB max. @ F center 5dB max. @ F corners	
4. Return Loss	14dB Min.	
5. Rejections	40dB Min @ DC~6040MHz	
	40dB Min @ 6280~11200MHz	
6. Impedance	50Ohm	
7. Operating Temperature	-30°C ~ +60°C	
8. Power Handling	100W Max.	
9. Size (W × D × H)	62 x 40 x 16 mm (max.20mm)	
10. Connector	SMA (F)	
11. Finish	Black epoxy	

Test Curve



[Main Path]



[Far End]