

PRELIMINARY SPECIFICATION

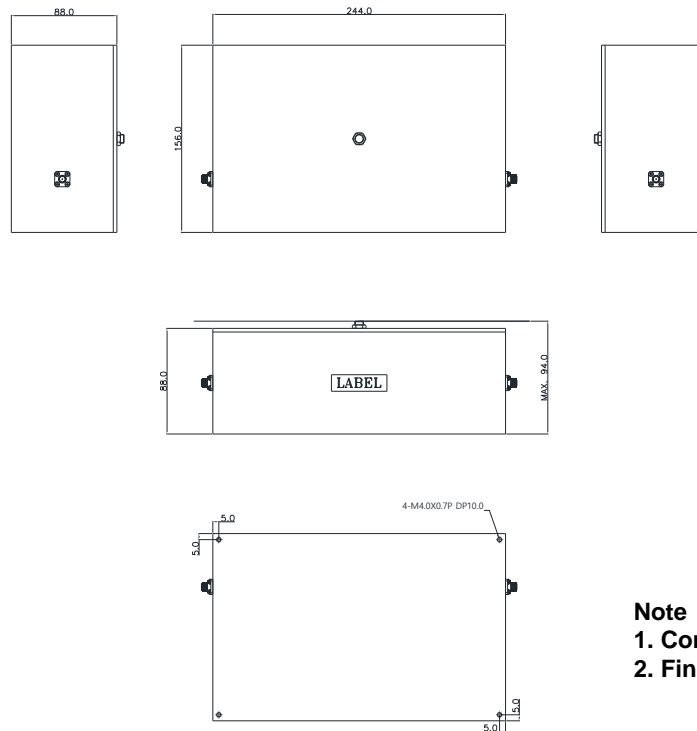
Product Name : F3,F4 - Band Pass Filter

Part No : MBP-C137.5_16MS-A

.	Rev. No.	Description	Date	Author	Final Approver
1	A	Draft	2021.04.28	Bryan Jeon	Michael Jeon

PRODUCT SPECIFICATION FOR INFORMATION

■ Mechanical Drawing



Note

1. Connector : SMA(F)-Type
2. Finish : Black Epoxy Coating

■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	137.5MHz	
2. Frequency Range	$f_0 \pm 8[129.5 \sim 145.5]$ MHz	
3. Insertion Loss	2.0dB Max.	
4. Return Loss	15dB Min.	
5. Attenuation[Absolute Value]	60 dB min. @ 10-110MHz	
	60 dB min. @ 200-1000MHz	
6. Size	244.0.0x156.0x88.0mm	
7. Input RF Power	1W (CW)	
8. Impedance	50Ω	
9. Operation Temperature Range	-20°C to +80°C	
10. Relative Humidity	10% - 95%	
11. Random Vibration	MIL-STD-810 F Method 514.5 procedure C1.3 axes, 20min.per each axis.	
12. Dust	MIL 810F Method 510.4 Procedure III settling dust	
13. Safety requirement	Approved according to UL/CE or similar standards	
14. Finish	Black Epoxy Coating	

Remarks: This is a preliminary datasheet for reference. The final performance is subject to the sample.

■ Simulation Curve

