

PRODUCT SPECIFICATION FOR INFORMATION

FINAL SPECIFICATION

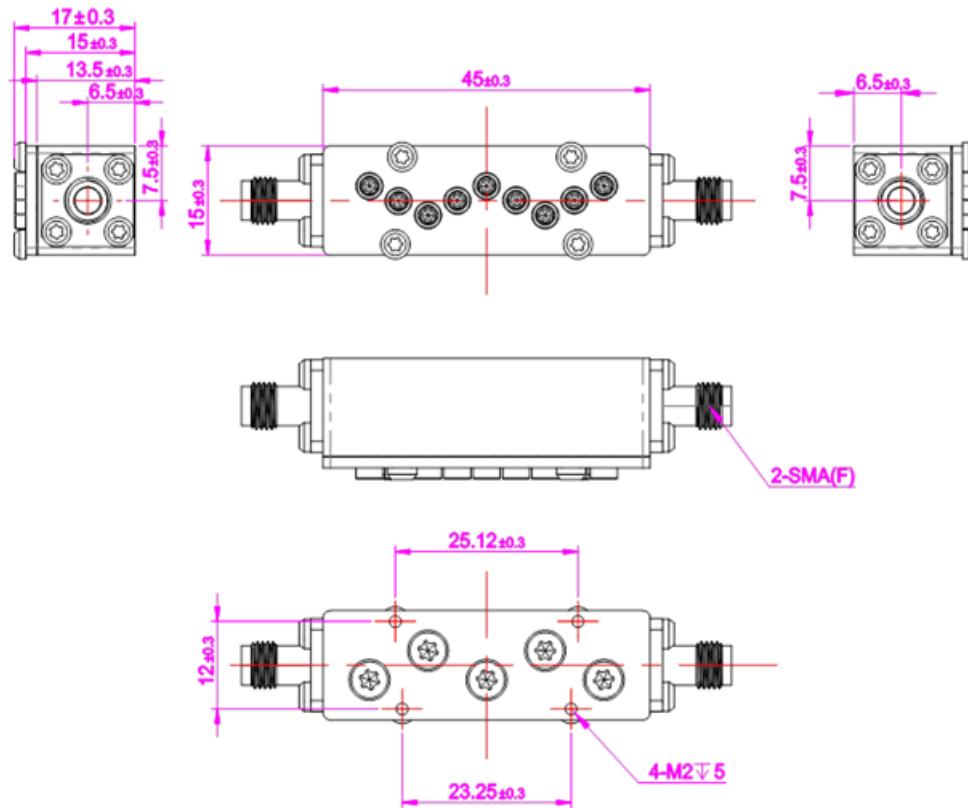
Product Name : Cavity Band Pass Filter

Part No : MBP-C2852.5_95MS-A-R1

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2023.10.18	Jeffrey Jeong	Michael Jeon
2	R1	Added IP67, SMA(F) with O-ring, Height increased	2023.10.23.	Jeffrey Jeong	Michael Jeon
3		Mounting Hole position has been changed	2024.04.02	Jeffrey Jeong	Michael Jeon
4					
5					
6					

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	2852.5MHz	
2. Bandwidth	95MHz [2805 ~ 2900MHz]	
3. Insertion Loss in BW	0.8dB Max.	
4. Return Loss in BW	18dB Min.	
5. Attenuation[Absolute Value]	40dB min @ 2620MHz 40dB min @ 4100 ~ 8300MHz	
6. Power Handling Avg, Peak	36dBm Max.	
7. In/Out Impedance	50Ω	
8. Temperature Range	-30°C ~ +71°C	
9. IPXX	IP67	
10. In/Out interface	SMA(F) X 2	
11. Weight	30Grms Max.	
12. Finish	Black Epoxy	
13. Dimension[WxLxH]	15.0 X 45.0 X 17mm Max	Excluding connectors

※ Note : Product design to meet ELBIT Environmental Requirement, AU, Revision : 3.1, Dated Oct.23,2023

Test Curve

E5071C Network Analyzer

1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

Resize

