

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

Product Name : Cavity Band Pass Filter

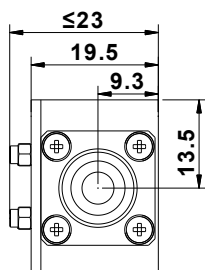
Part No : MBP-C2222.5_45MT-A-R1

■ History List

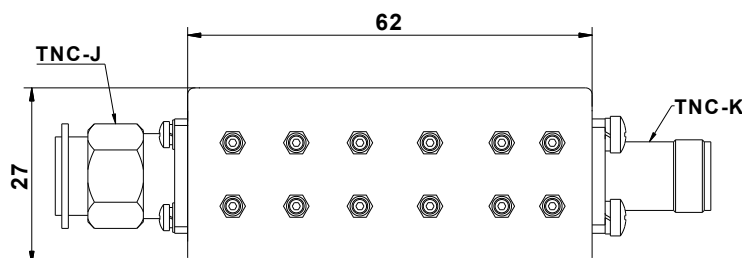
No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2026. 03. 10.	Jeffrey Jeong	Michael Jeon
2	R1	55dB min @ 2135MHz	2026. 03. 12.	Jeffrey Jeong	Michael Jeon
3					
4					
5					
6					

■ Mechanical Drawing

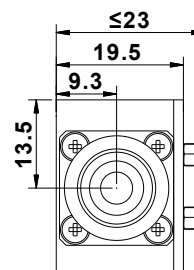
RIGHT VIEW



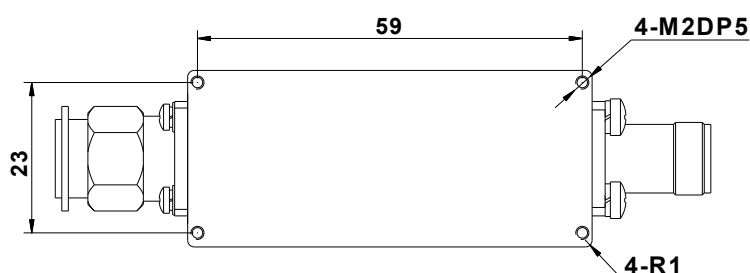
TOP VIEW



LEFT VIEW



BOTTOM VIEW



TOL : ±0.30
Unit : mm

■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	2222.5MHz	
2. Bandwidth	45MHz [2200 ~ 2245MHz]	
3. Insertion Loss in BW	1.7dB Max.	
4. Return Loss in BW	18dB Min	
5. Attenuation[Relative Value]	55dB min @ 2135MHz 50dB min @ 2265MHz 40dB min @ 4400MHz 40dB min @ 6600MHz 30dB min @ 8800MHz	
6. Power Handling	40dBm Max.	
7. In/Out Impedance	50Ω	
8. Connectors	Input : TNC(M), Output : TNC(F)	
9. Operating Temp Range	-40°C ~ +85°C	
10. Storage Temp Range	-55°C ~ +125°C	
11. Dimension[WxDxH]	62.0 X 27.0 X 23.0mm ±0.3 Max	
12. Weight	90g Max	

■ Simulation Curve

