

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

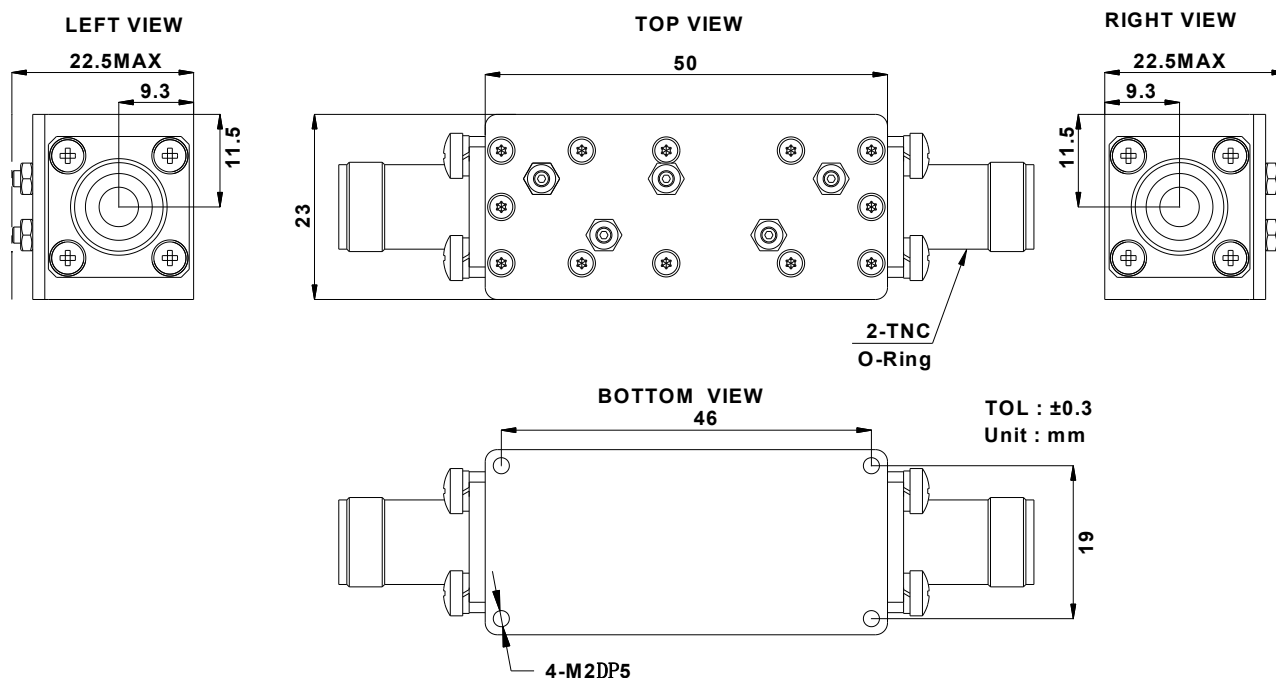
Product Name: GDT Band Pass Filter

Part No: MBP-C2250_100MT-A-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2026.05.11.	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	2250MHz	
2. Bandwidth	$F_c \pm 50$ [2200 ~ 2300MHz]	
3. Insertion Loss in BW	1.0dB Max.	
4. Ripple in BW	0.5dB Max.	
5. Return Loss in BW	15dB Min.	
6. Rejection	70dBc Min. @ DC ~ 900MHz	
	50dBc Min. @ 1100 ~ 2100MHz	
	50dBc Min. @ 2450 ~ 3500MHz	
	70dBc Min. @ 3600 ~ 7800MHz	
7. Power handling	5W Max.	
8. In/Out Impedance	50 Ohms	
9. Operation Temperature Range	-40°C ~ +85°C	
10. Dimension [WxDxH] [mm]	50.0 x 23.0 x (22.5 Max) ±0.3mm	
11. Connectors	2 X TNC(F) with O-rings	
12. Weight	60g Max.	
13. Finish	Black epoxy paint	

■ Environmental Qualification Standard

Parameter	Specification
Altitude	30,000FT
Humidity	Up to 95% at +30℃to +60℃
Rain	Dripping water(MIL-STD-810G Method 506.5, Proc III)
Fungus	MIL-STD-810G Method 508.6
Vibration	MIL-STD-810G Method 514.6
Salt Atmosphere	MIL-STD-810G Method 509.5

■ Simulation Curve

