

PRODUCT SPECIFICATION FOR INFORMATION

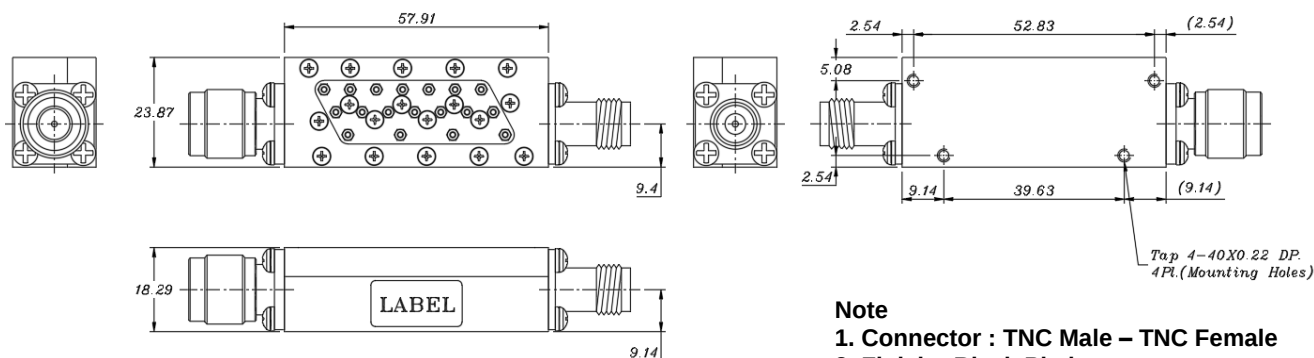
PRELIMINARY SPECIFICATION

Product Name : Band Pass Filter
Part No : MBP-C5120_500MT-A-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2023.10.27	Lee Seung Moon	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter		Specification	Remark
1. 1dB Passband Frequency Range		4870 ~ 5370MHz	
2. Insertion Loss @Center Frequency		0.8dB Max., 0.7(Typ.)	
3. Return Loss(VSWR)		16dB Min., (1.38 : 1, Max.)	Passband
4. Attenuation	DC to 3870MHz	80dB Min., 90dB(Typ.)	
	@3870 to 4820MHz	35dB Min., 40dB(Typ.)	
	@5700 to 7000MHz	65dB Min., 70dB(Typ.)	
	@7000 to 13000MHz	60dB Min., 70dB(Typ.)	
	@13000 to 16000MHz	35dB Min., 40dB(Typ.)	
5. RF Power Capability CW		5W Max.	
6. Operating Temperature		-40°C ~ +85°C	
7. Storage Temperature		-50°C ~ +125°C	
8. Humidity (Non-condensing)		95% Max. Designed to meet: MIL-STD-810G, Method 507.5	
9. Operating Altitude		35,000 Feet	
10. Vibration and shock		Vibration 6.06 gRMS Designed to meet: MIL-STD-810G, Method 514.6	
11. Size(mm)		57.91 x 23.87 x 18.29	Without Connector

Simulation Curve

