

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

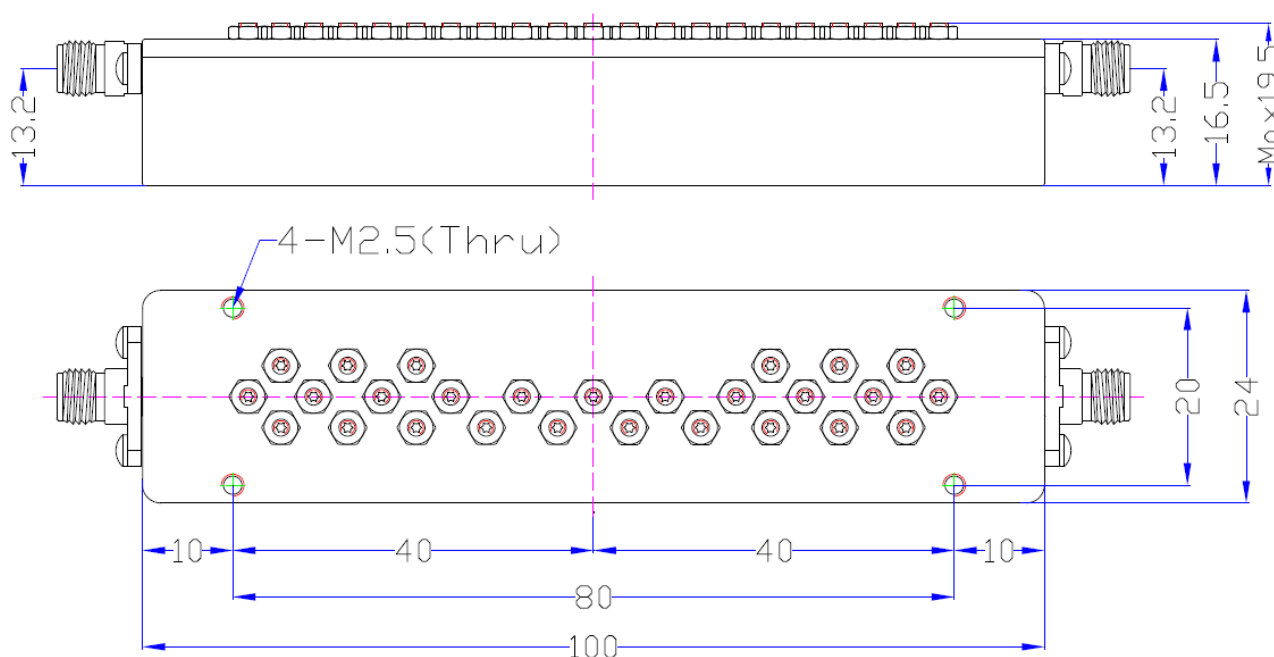
Product Name: Comb Band Pass Filter

Part No: MBP-C3750_1.5GS-A-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2022.03.16	Bryan Jeon	Michael Jeon

■ Mechanical Drawing



Note
1. Connector: SMA(F)
2. Finish: Black Epoxy

■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	3750MHz	
2. Bandwidth	$F_c \pm 750\text{MHz}$ [3000~4500MHz]	
3. Insertion Loss in BW	0.7dB Max.	
4. Ripple in BW	0.3dB Max.	
5. Return Loss in BW	14dB Min.	
6. Attenuation	20dB Min.@ DC~2700MHz	
	70dB Min.@ 5000~8000MHz	
7. In/Out Impedance	50Ω	
8. Power Handling	2W	
9. Connector	SMA(f)	
10.Dimension	100.0x24.0x16.5 mm	
11. Temperature Range	-30°C to +70°C	

Remarks: This is a preliminary datasheet for reference.