

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

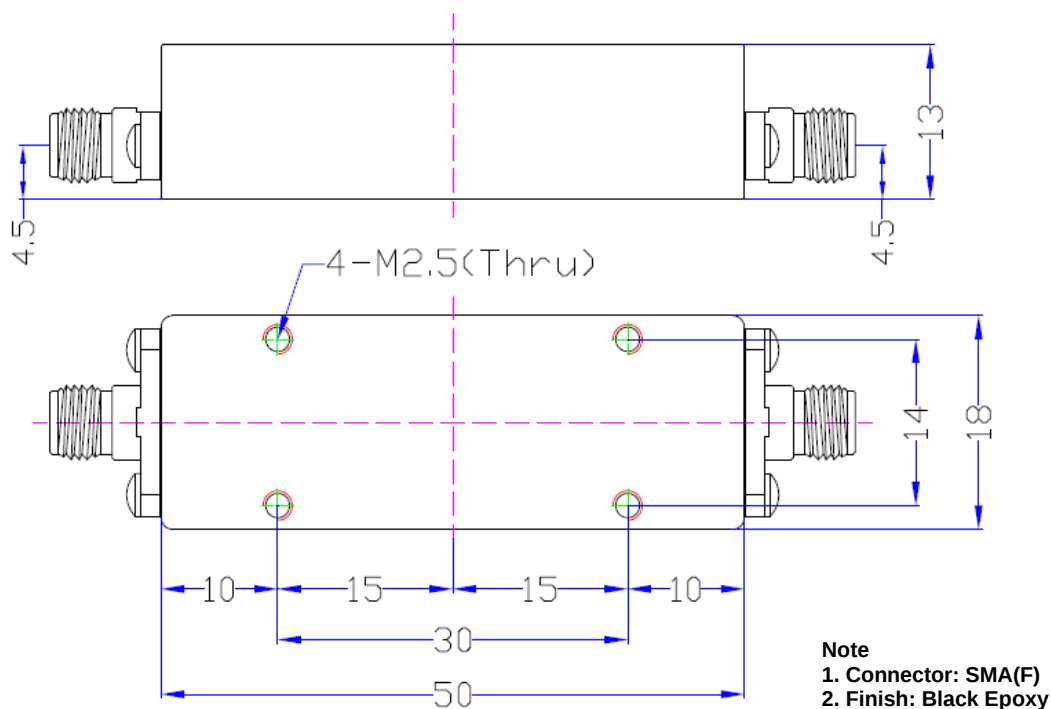
Product Name: LC Band Pass Filter

Part No: MBP-C270_500MS-A-R0

■ History List

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

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	270MHz	
2. Bandwidth	$F_c \pm 250\text{MHz}$ [20~520MHz]	
3. Insertion Loss in BW	1.5dB Max.	
4. Ripple in BW	1.0dB Max.	
5. Return Loss in BW	14dB Min.	
6. Attenuation	40dB Min. @ DC~15MHz	
	40dB Min. @ 650~1500MHz	
7. In/Out Impedance	50Ω	
8. Power Handling	2W	
9. Connector	SMA(f)	
10.Dimension	50.0x18.0x13.0 mm	
11. Temperature Range	-30°C to +70°C	

Remarks: This is a preliminary datasheet for reference.