

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

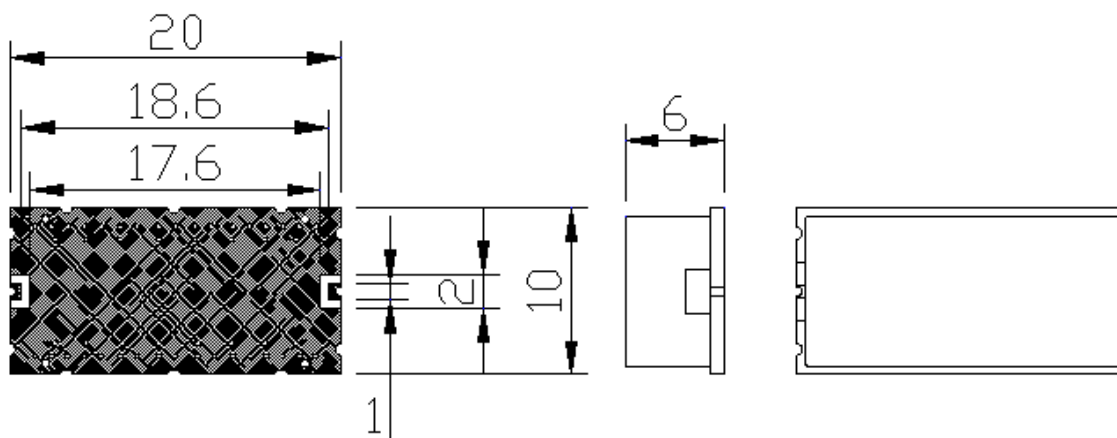
Product Name: LC Band Pass Filter

Part No: MBP-C3750_1500ML-A-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2022.08.19	Bryan Jeon	Michael Jeon

■ Mechanical Drawing



Note
1. Connector : SMD
2. Finish :Gold Plated

■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	3750MHz	
2. Bandwidth	$F_c \pm 750\text{MHz}$ [3000~4500MHz]	
3. Insertion Loss	2.5dB Max.	
4. Ripple in BW	1.5dB Max.	
5. VSWR in BW	1.5:1 Max.	Ratio
6. Attenuation	70dB Min.@1500~2500MHz	
	55dB Min.@5500MHz	
	55dB Min.@7500MHz	
7. In/Out Impedance	50Ω	
8. Power Handling	2W	
9. Connector	SMD	
10. Dimension	20.0x10.0x6.0 mm	
11. Temperature Range	-20°C to +70°C	

Remarks: This is a preliminary datasheet for reference.