

PRODUCT SPECIFICATION FOR INFORMATION

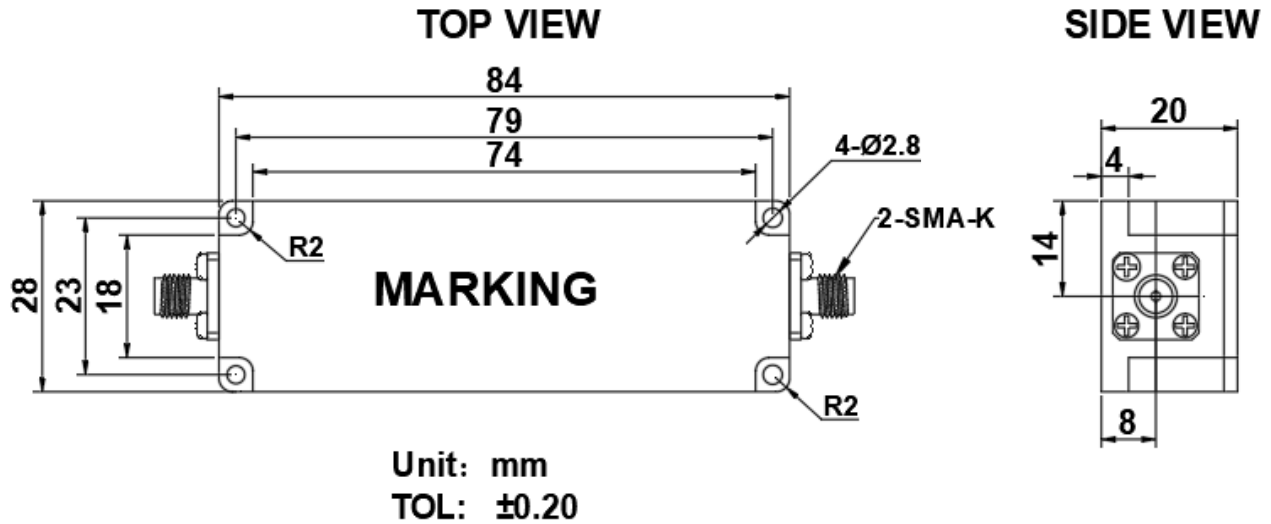
PRELIMINARY SPECIFICATION

Product Name : LC Band Pass Filter

Part No : MBP-C275_490MS-A-R0

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2026.01.29.	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	275MHz	
2. Bandwidth [BW]	$F_c \pm 245\text{MHz}$ [30 ~ 520MHz]	
3. Insertion Loss in BW	3.0dB Max.	
4. Return Loss	15dB Min.	
5. Rejections	20dB Min @ DC ~ 20MHz	
	60dB Min @ 600 ~ 3000MHz	
6. Impedance	50Ohm	
7. Operating Temperature	-40°C ~ +85°C	
8. Power Handling	30dBm Max.	
9. Size (W × D × H)	84.0 x 28.0 x 20.0mm ±0.2	
10. Connector	2 X SMA (F)	
11. Finish	Black epoxy	

■ Simulation Curve

