

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

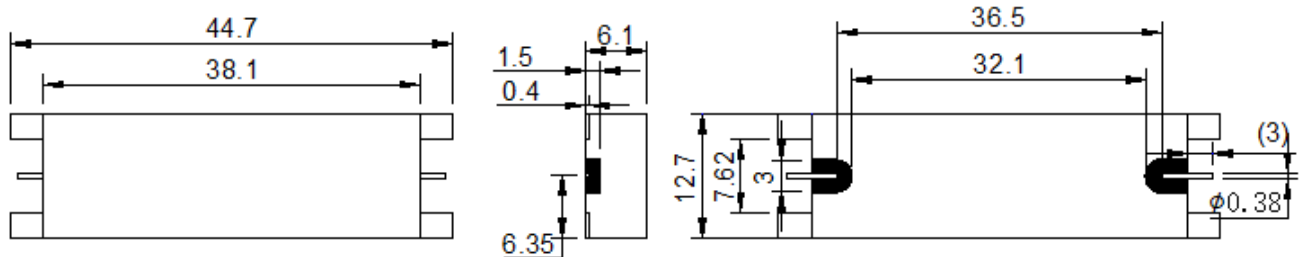
Product Name : LC Band Pass Filter

Part No : MBP-C255_10ML-C-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.02.05.	Jeffrey Jeong	Michael Jeon
2					
3					
4					
5					
6					

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	255MHz	
2. Bandwidth	10MHz [250 ~ 260MHz]	
3. Insertion Loss @ Fo	4.5dB Max.	
4. Ripple in Fo±5MHz	1.5dB Max	
5. Return Loss	12dB min @ 250 ~ 260MHz	
6. Attenuation[Relative Value]	55dBc Min. @ 200MHz 35dBc Min. @ 230MHz 5dBc Min. @ 245MHz 5dBc Min @ 265MHz 35dBc Min @ 280MHz 40dBc Min @ 310MHz	
7. Connectors	Φ0.4mm pin	
8. In/Out Impedance	50Ω	
9. Power Rating	30dBm(CW) (33dBm with 1% duty cycle, 1us pulse width)	
10. Temperature Range	-40°C ~ +70°C	

※It is subjected to change with prior notice.