

PRODUCT SPECIFICATION FOR INFORMATION

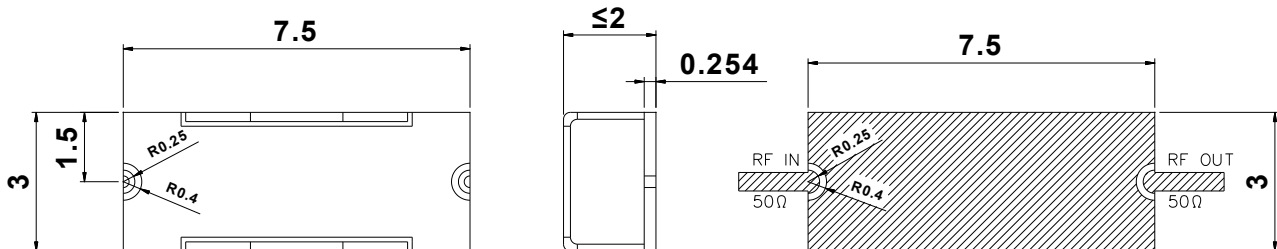
Product Name : Thin Film Band Pass Filter

Part No : MBP-C15000_3000MA-A-R0

■ **History List**

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2026.03.03.	Jeffrey Jeong	Michael Jeon
2					
3					
4					
5					
6					

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	15000MHz	
2. Bandwidth	3000MHz [13500 ~ 16500MHz]	
3. Insertion Loss in BW	4.0dB Max.	
4. Ripple in BW	2.0dB Max.	
5. Return Loss in BW	10dB Min.	
6. Attenuation[Absolute Value]	60dBc min @ DC ~ 11500MHz 40dBc min @ 11500 ~ 12500MHz 45dBc min @ 17500 ~ 18500MHz 60dBc min @ 18500 ~ 24000MHz	
7. Power Handling	20dBm Max.	
8. In/Out Impedance	50Ω	
9. Temperature Range	-40°C ~ +85°C	

※It is subjected to change with prior notice.

Simulation Curve

m1
 freq= 13.50 GHz
 dB(S(2,1))=-3.061

m3
 freq= 15.00 GHz
 dB(S(2,1))=-1.946

m2
 freq= 16.50 GHz
 dB(S(2,1))=-3.118

m4
 freq= 11.50 GHz
 dB(S(2,1))=-76.977

m5
 freq= 12.50 GHz
 dB(S(2,1))=-49.643

m6
 freq= 17.50 GHz
 dB(S(2,1))=-51.029

m7
 freq= 18.50 GHz
 dB(S(2,1))=-64.287

m8
 freq= 24.00 GHz
 dB(S(2,1))=-71.618

