

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

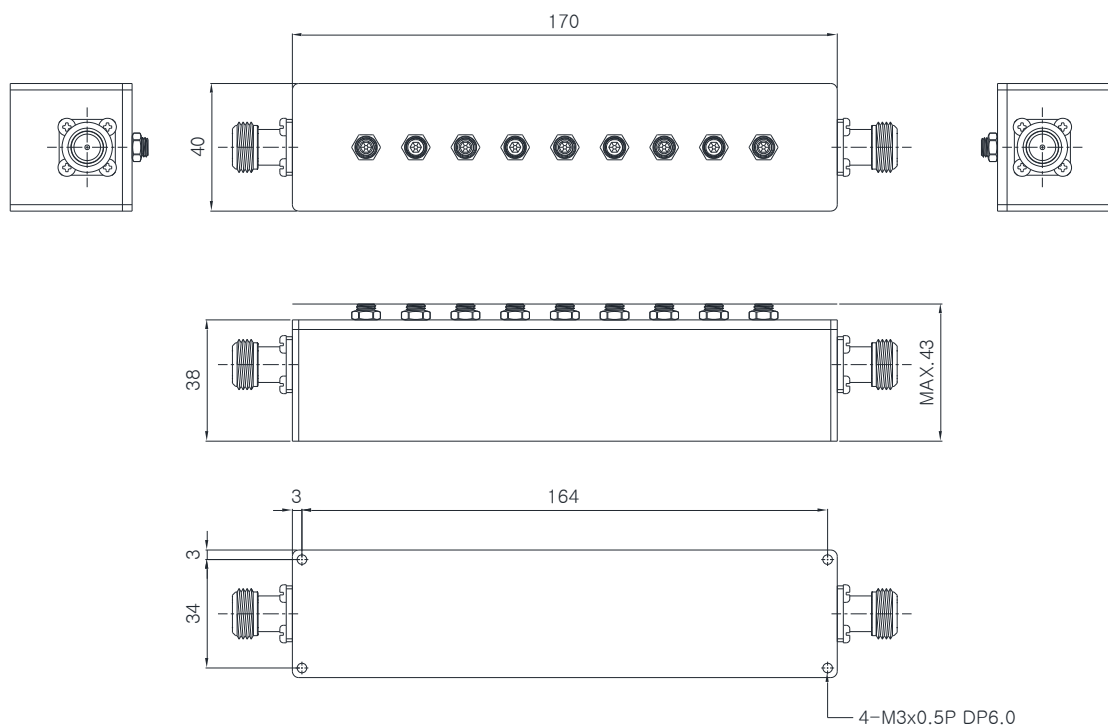
Product Name: Cavity Band Pass Filter

Part No: MBP-C845_60MN-A-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2022.11.23	Bryan Jeon	Michael Jeon

■ Mechanical Drawing



Note

1. Connector: N(f) type
2. Finish: Black Epoxy coating

■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	845MHz	
2. Bandwidth [1dB BW]	60MHz	
3. Insertion Loss in at Fc	0.5dB Max.	
4. Ripple in BW	1.0dB Max.	
5. Return Loss in BW	18 dB Min.	
6. In/Out Impedance	50Ω	
7. Attenuation [Absolute Value]	5dB Min.@ 725MHz	
	5dB Min.@ 965MHz	
	30dB Min.@ 525MHz	
	30dB Min.@ 1165MHz	
	60dB Min.@ 325MHz	
	60dB Min.@ 1365MHz	
	70dB Min.@ 1650MHz	
	70dB Min.@ 1725MHz	
	70dB Min.@ 2475MHz	
	70dB Min.@ 2595MHz	
8. Power Handling	825-865 MHz: Max 300 Watt Other FRs: Max 20 Watt .	
9. Operation Temperature Range	-30°C to +50°C	

Remarks: This is a preliminary datasheet for reference.

Simulation Curve

