

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

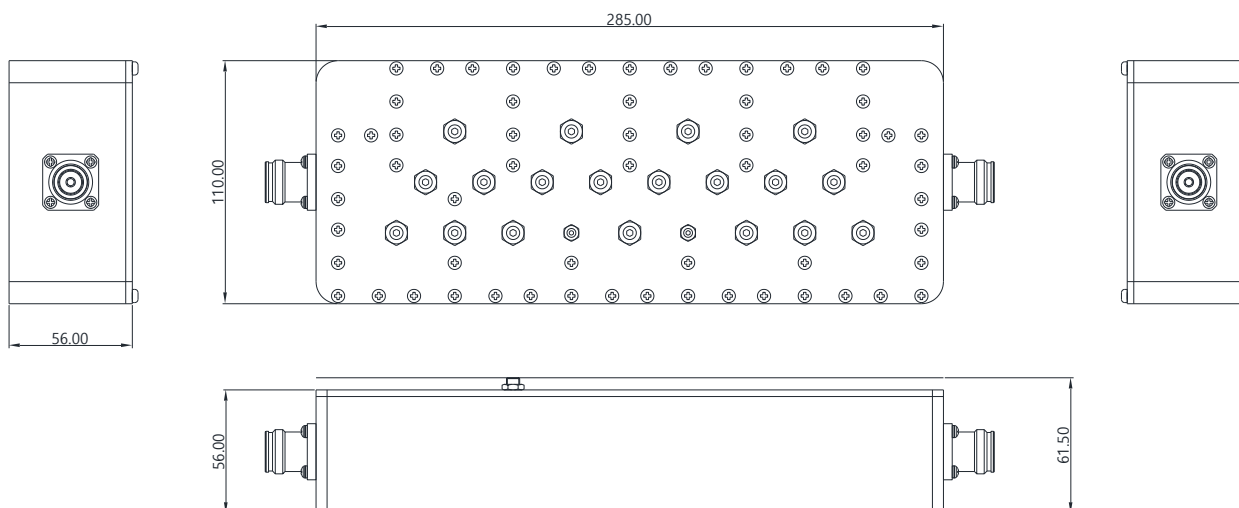
Product Name: Cavity Band Pass Filter

Part No: MBP-C440_20MN-A-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2021.11.29	Bryan Jeon	Michael Jeon

■ Mechanical Drawing



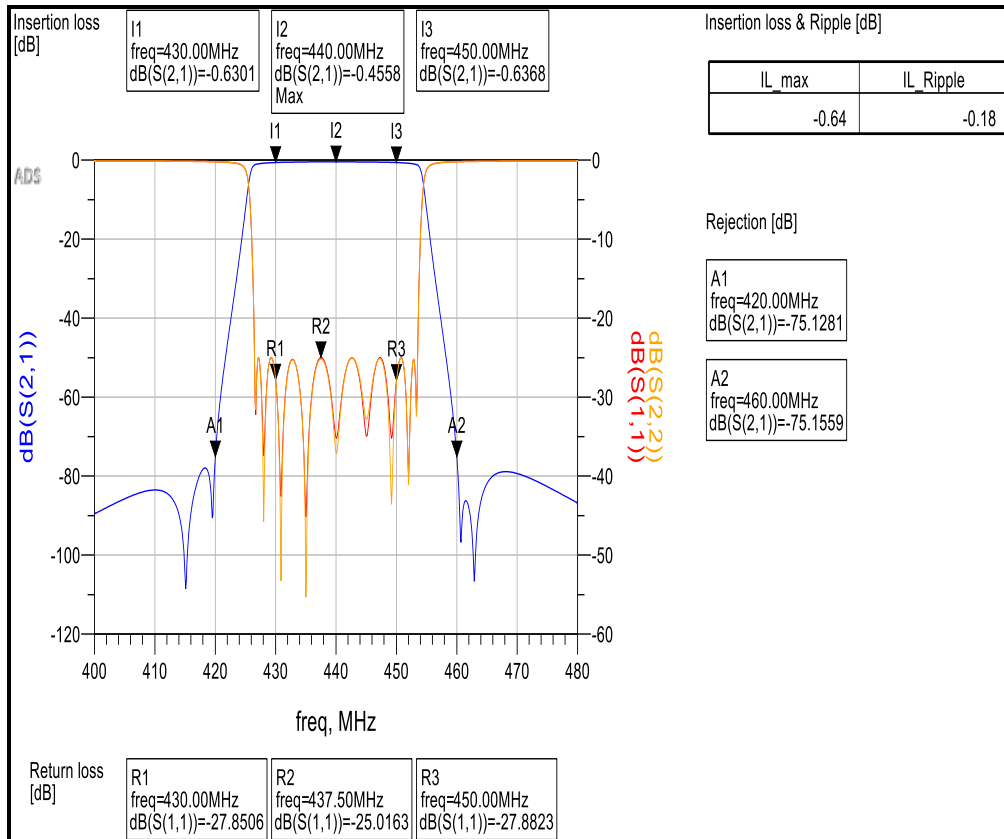
Note
 1. Connector: N-type (Female)
 2. Finish: Black Epoxy

■ Electrical Specification

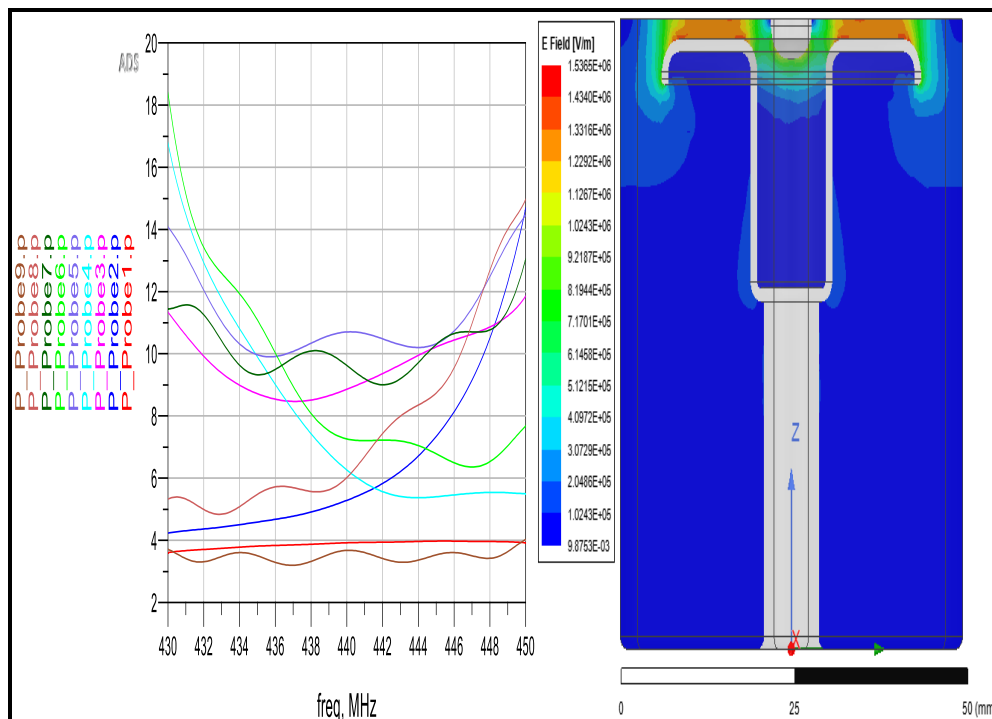
Parameter	Specification	Remark
1. Center Frequency	440MHz	
2. Pass Band	$F_c \pm 10\text{MHz}$ [430~450MHz]	
3. Insertion Loss	1.0dB Max.	
4. Return Loss	18dB Min.	
5. Attenuation	70dB Min.@ 0.1~420MHz	
	70dB Min.@ 460~1500MHz	
6. Power Handling	800W CW	
7. Input / Output Impedance	50Ω	
8. Size	285.0 × 110.0 × 56.0mm (Without Connector & Tuning Bolt)	
9. Operating Temperature	-10°C to +65°C	

Remarks: This is a preliminary datasheet for reference.

Simulation Curve



S-Parameter



Power Handling: Guarantee 2,000W