

PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

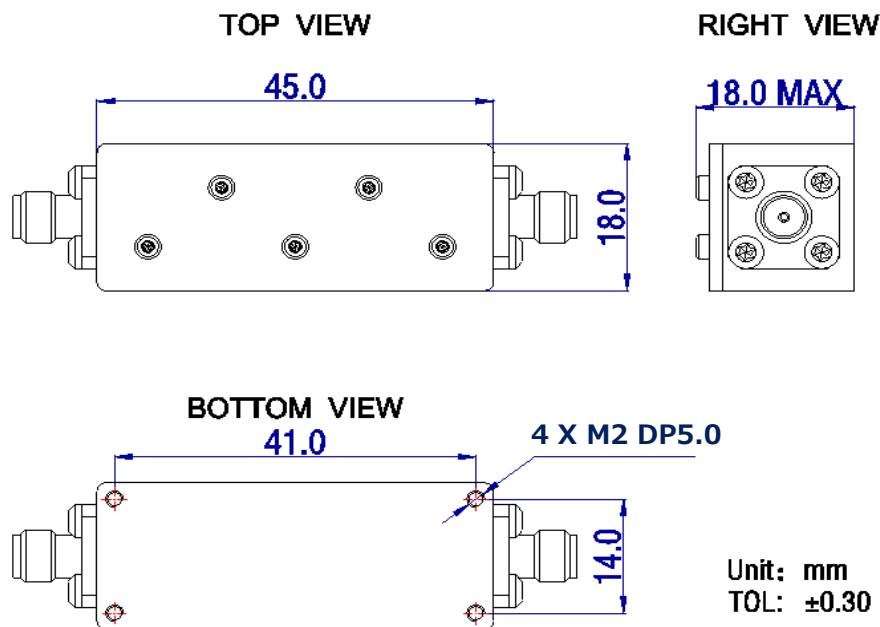
Product Name : ADT Cavity Band Pass Filter

Part No : MBP-C2361_20MS-C-R0

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.09.28	Jeffrey Jeong	Michael Jeon
2					
3					
4					
5					
6					

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	2361MHz	
2. Bandwidth	Fo±10MHz(2351 ~ 2371MHz)	
3. Insertion Loss in BW	1.1dB Max.	
4. Ripple in BW	0.5dB Max.	
5. Return Loss in BW	15dB Min.	
6. Group Delay(12MHz Max)	10nS	
7. Rejection	70dB Min. @ DC ~ 1600MHz 35dB Min. @ 1700 ~ 2235MHz 20dB Min. @ 2409 ~ 4100MHz 55dB Min. @ 4100 ~ 9500MHz	
8. Power Handling	5W CW Max.	
9. In/Out Impedance	50Ω	
10. Temperature Range	-40°C ~ +85°C	
11. Connectors	SMA(F)	
12. Dimension[WxDxH]	45.00 X 18.0 X 18.0mm Max	

※It is subjected to change with prior notice.

■ Environmental Specification

Parameter	Specification	Remark
1. Altitude	30,000ft	
2. Humidity	Up to 95% @ 35°C	
3. Fungus	MIL-STD-810G Method 508.6	
4. Vibration	MIL-STD-810G Method 514.6	
5. Salt Atmosphere	MIL-STD-810G Method 509.5	

■ Simulation Curve

