

PRODUCT SPECIFICATION FOR INFORMATION

FINAL SPECIFICATION

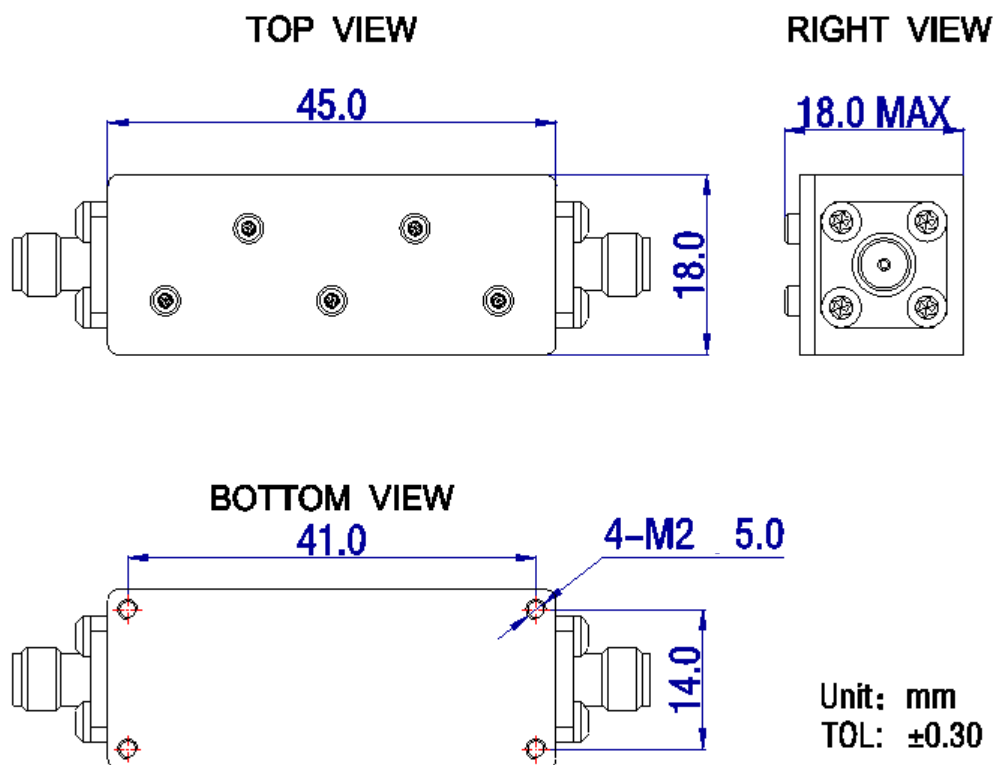
Product Name: LTE Band Pass Filter

Part No: MBP-C2595_50MS-A-R1

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2022.05.25	Bryan Jeon	Michael Jeon
	R1	SMA(F) with Oring applied	2023.10.26	Jeffrey Jeong	Michael Jeon

■ Mechanical Drawing



Note
 1. Connector: SMA(F)
 2. Finish : Black Epoxy
 3. Weight : 35g max

■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	2595MHz	
2. Bandwidth	$F_c \pm 25\text{MHz}$ [2570~2620MHz]	
3. Insertion Loss in BW	1.0dB Max.	
4. Ripple in BW	0.5dB Max.	
5. Return Loss in BW	15dB Min.	
6. Attenuation	70dB Min.@ DC~1300MHz	
	40dB Min.@ 1350~2460MHz	
	40dB Min.@ 2750~4000MHz	
	70dB Min.@ 4100~8000MHz	
7. In/Out Impedance	50 Ω	
8. Power Handling	3W	
9. Connector	SMA(F)	
10.Dimension	45.0x18.0x18.0 mm	
11. Temperature Range	-40°C to +85°C	

■ Environmental Specification

Parameter	Specification	Remark
Altitude	20000ft	
Humidity	Up to 95% at +35°C	
Fungus	MIL-STD-810G Method 508.6	
Vibration	MIL-STD-810G Method 514.6	
Salt Atmosphere	MIL-STD-810G Method 509.5	

※ Note : Product design to meet ELBIT Environmental Requirement, AU, Revision : 3.1, Dated Oct.23,2023

■ Test Curve

E5071C Network Analyzer

1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

