

PRODUCT SPECIFICATION FOR INFORMATION

FINAL SPECIFICATION

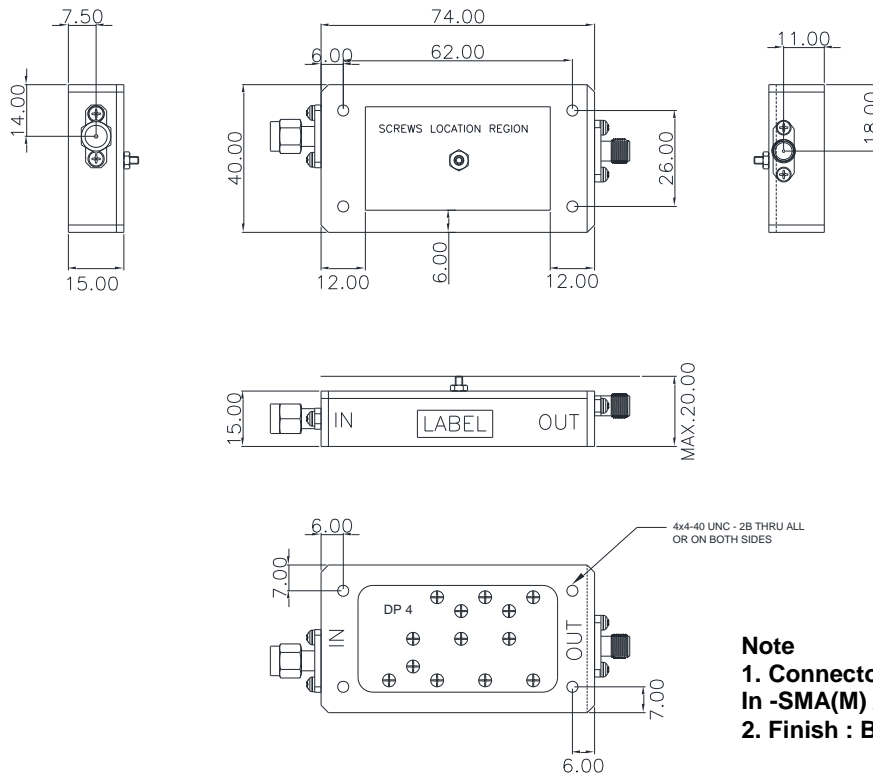
Product Name : Ku Band Pass Filter

Part No : MBP-C12.65G_1.9GS-A-R5

■ History List

No.	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2021.05.18	Bryan Jeon	Michael Jeon
2	R1	Has changed insertion loss and changed connector dimension	2021.05.24	Bryan Jeon	Michael Jeon
3	R2	Has changed in/out ports direction	2021.06.21	Bryan Jeon	Michael Jeon
4	R3	Has changed filter and T/S height	2021.06.21	Bryan Jeon	Michael Jeon
5	R4	Has changed mounting holes direction	2021.06.23	Bryan Jeon	Michael Jeon
6	R5	Has changed filter height from 21mm to 15mm And has changed output connector changed Darvish Eitan confirmed on 13/September/2021	2021.09.13	Bryan Jeon	Michael Jeon

■ Mechanical Drawing



Note

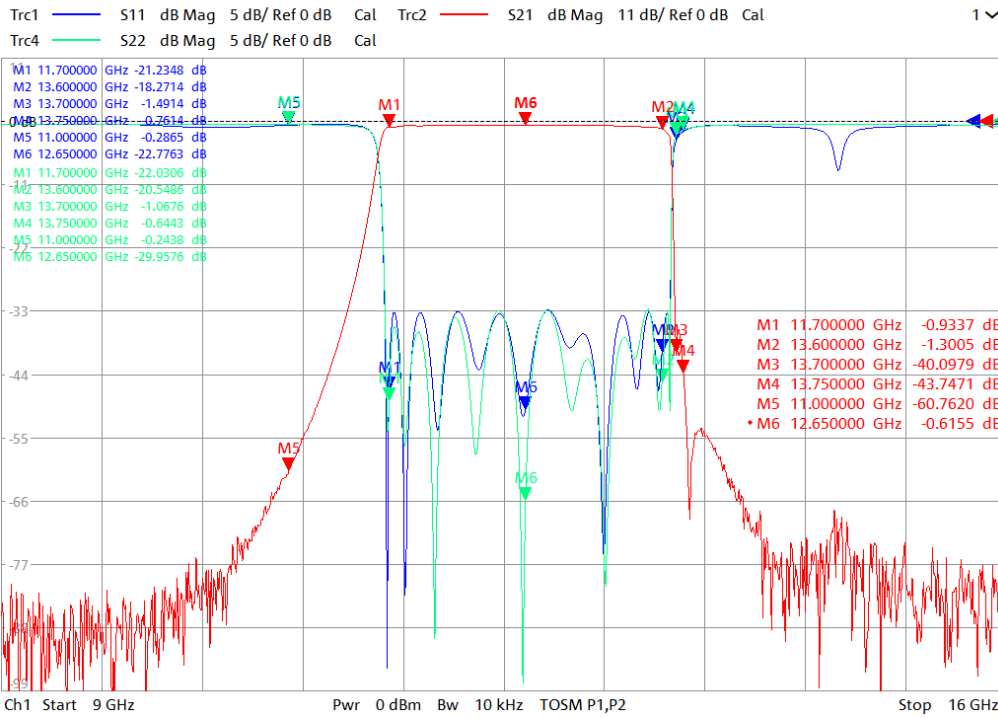
1. Connector : In -SMA(M) / Out-SMA(F)
2. Finish : Black Epoxy Coating

■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	12650MHz	
2. Pass Band Frequency	C.F±950MHz[11700~13600MHz]	
3. Insertion Loss	11700~13000MHz @ 1.0dB Max. 13000MHz~13600MHz @ 1.5dB Max.	
4. Ripple	1.5dB Max.	
5. Return Loss	15dB Min.	
6.Attenuation[Absolute Value]	80dB min. @ 50-6000MHz	
	50dB min. @ 8000-11000MHz	
	35dB min. @ 13700MHz	
	40dB min. @ 13750MHz	
	40dB min. @ 15000-19000MHz	
	60dB min. @ 19000-20000MHz	
7. Size	74.0 x 40.0 x 15.0 mm	
8. Connector	In : SMA(M) / Out : SMA(F)	
9. Input RF Power	60W Max.	
10. Impedance	50Ω	
11. Operation Temperature Range	-40°C to +85°C	
12. Altitude	40000 Feet	
13. Shock and Vibration	12G rms 20-2000Hz, Operating 16.5G rms 20-2000Hz, Non-Operating	

Test Curve

9/9/2021 5:43:44 AM
1311.6010K84-101521-WX



9/9/2021 5:44:13 AM
1311.6010K84-101521-WX

