

PRELIMINARY SPECIFICATION

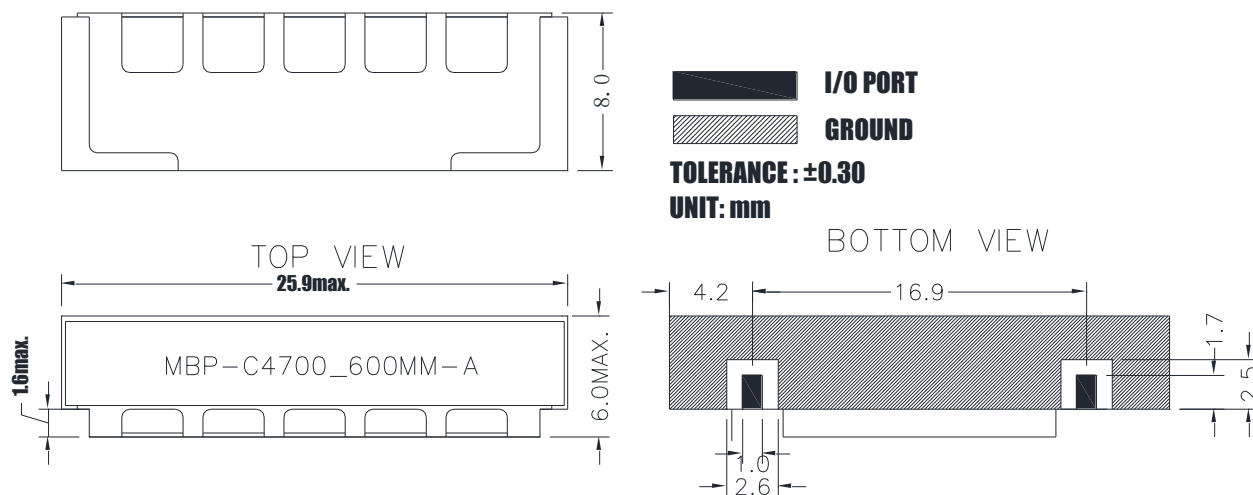
Product Name : MonoBlock Band Pass Filter

Part No : MBP-C4700_600MM-A

.	Rev. No.	Description	Date	Author	Final Approver
1	A	First	2020.06.22	Bryan Jeon	Michael Jeon

PRODUCT SPECIFICATION FOR INFORMATION

■ Mechanical Drawing



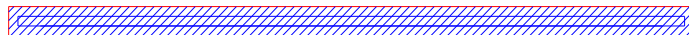
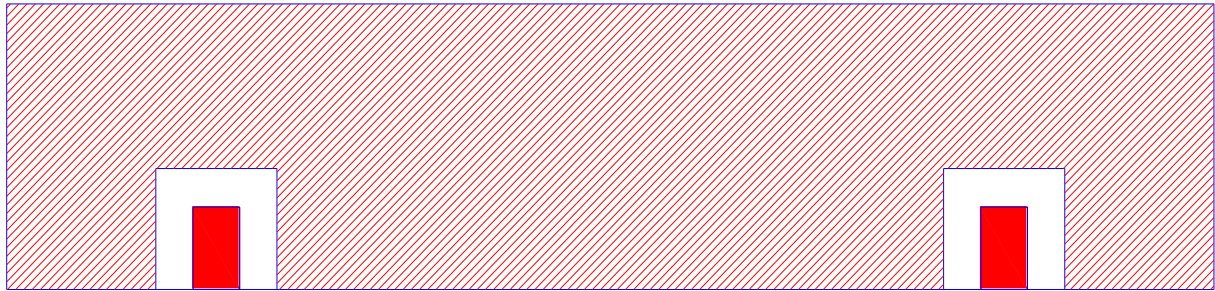
Note

1. Connector : SMD
2. Finish : Ag Plating

■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	4700MHz	
2. Frequency Range	fo ±300[4400~5000]MHz	
3. Insertion Loss	1.2dB Max.	
4. Ripple	0.5dB Max.	
5. Return Loss	14dB Min.	
6. Attenuation[Absolute Value]	55dB Min@1~3800MHz	
	43dB Min@3801~4100MHz	
	43dB Min@5400~6000MHz	
7. Size	Mechanical Drawing	
8. Input RF Power	8W Avg.Max. , 80(Peak) Max.	
9. Impedance	50Ω	
10. Operation Temperature Range	-40℃ to +85℃	

■ RECOMMENDED PC BOARD PATTERN



GROUND SOLDERING POINT



I/O PORT SOLDERING POINT

Remarks: Recommend using silver-containing solder paste.