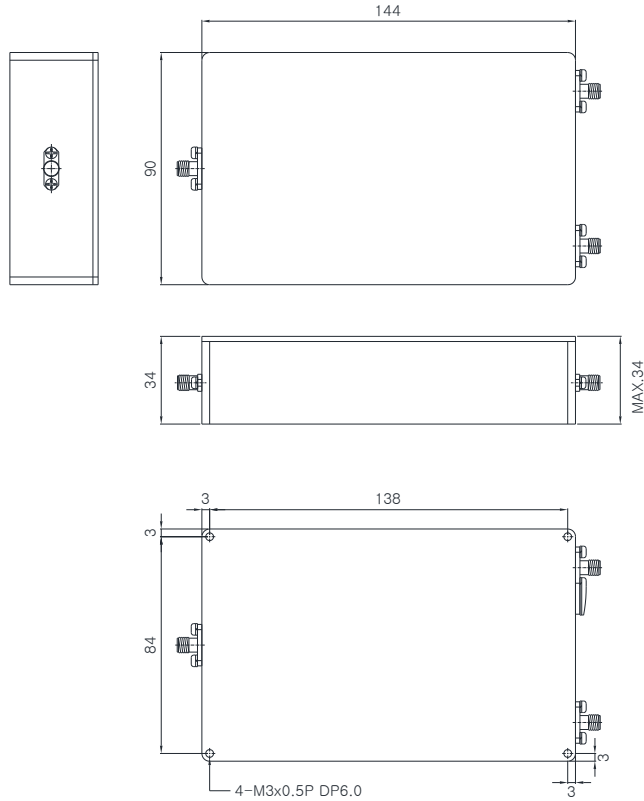


PRELIMINARY SPECIFICATION

■ Mechanical Drawing



Note
1. Connector: SMA(f)
2. Finish: Black Epoxy



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■ **Electrical Specification**

Parameter	Specification		Remark
	RX	TX	
1. Center Frequency	1940MHz	2140MHz	
2. Bandwidth	Fc±40MHz [1900~1980MHz]	Fc±40MHz [2100~2180MHz]	
3. Insertion Loss in BW	1.3dB Max.	1.3dB Max.	
4. Ripple in BW	1.0dB Max.	1.0dB Max.	
5. Return Loss in BW	16dB Min.	16dB Min.	
6. Rejection	40dB Min.@DC~1880MHz	40dB Min.@DC~1880MHz	
	60dB Min.@2100~2180MHz	60dB Min.@1900~1980MHz	
		40dB Min.@2300~3000MHz	
7. In/Out Impedance	50Ω		
8. Input Power	5W Max.		
9. Connectors	SMA(f)		
10. Temperature Range	-10°C ~ +70°C(storage -20 to +80deg.)		
11. Relative Humidity	10% ~ 95%		
12. Random vibration	MIL-STD-810 F Method 514.5 procedure C1		
13. Dust	MIL-STD-810 F Method 510.4 procedure 3		
14. Dimensions	144.0x90.0x34.0mm		

Remarks: This is a preliminary datasheet for reference.

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Cavity Duplexer

Simulation Curve

