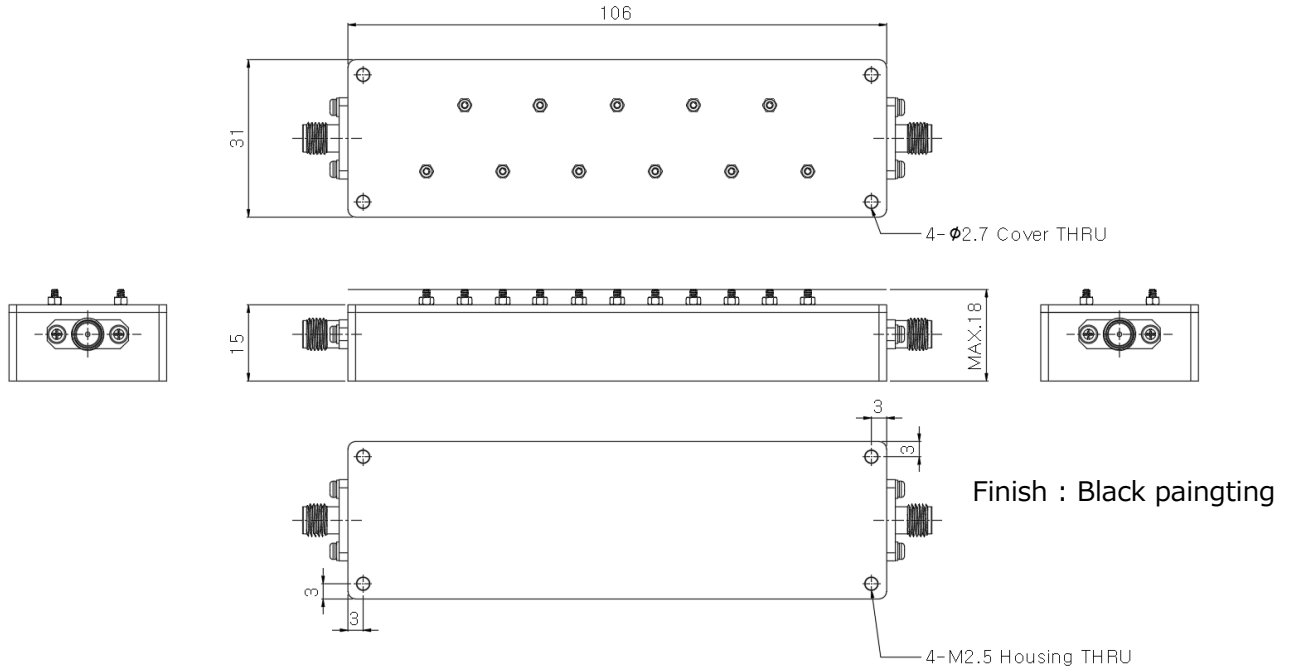


HD34180

Cavity Band Pass Filter

PRELIMINARY SPECIFICATION

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	4975MHz	
2. Frequency Range	Fo \pm 125[4850 ~ 5100]MHz	
3. Insertion Loss	1.3dB Max.	
4. VSWR	1.5 : 1 Max.	
5. Rejection	50dB Min @ DC ~ 4800MHz 50dB Min @ 5150 ~ 10000MHz	
6. Power Handling	10W Max	
7. Impedance	50 Ω	
8. Size	106 X 31 X 15mm without T/S	
9. Weight	300g Max.	
10. Connectors	SMA(F)	

HD34180

Cavity Band Pass Filter

11. Operating Temperature	-40°C ~ +71°C	
12. Explosive Atmosphere	MIL-STD-810F Method 511.4 Proc I	
13. Shock Transportation	20g/11mSec MIL-STD-810F Method 515.5 Proc I	
14. Shock and Vibration	MIL-STD-810F in figure 541.5 Cat 13 Proc I figures 514.5C-1	
15. Operating Altitude	15K Feet	
16. Storage Altitude	40K Feet	
17. MTBF	20,000HRS Min	

※It is subjected to change with prior notice.

■ Simulation Curve

