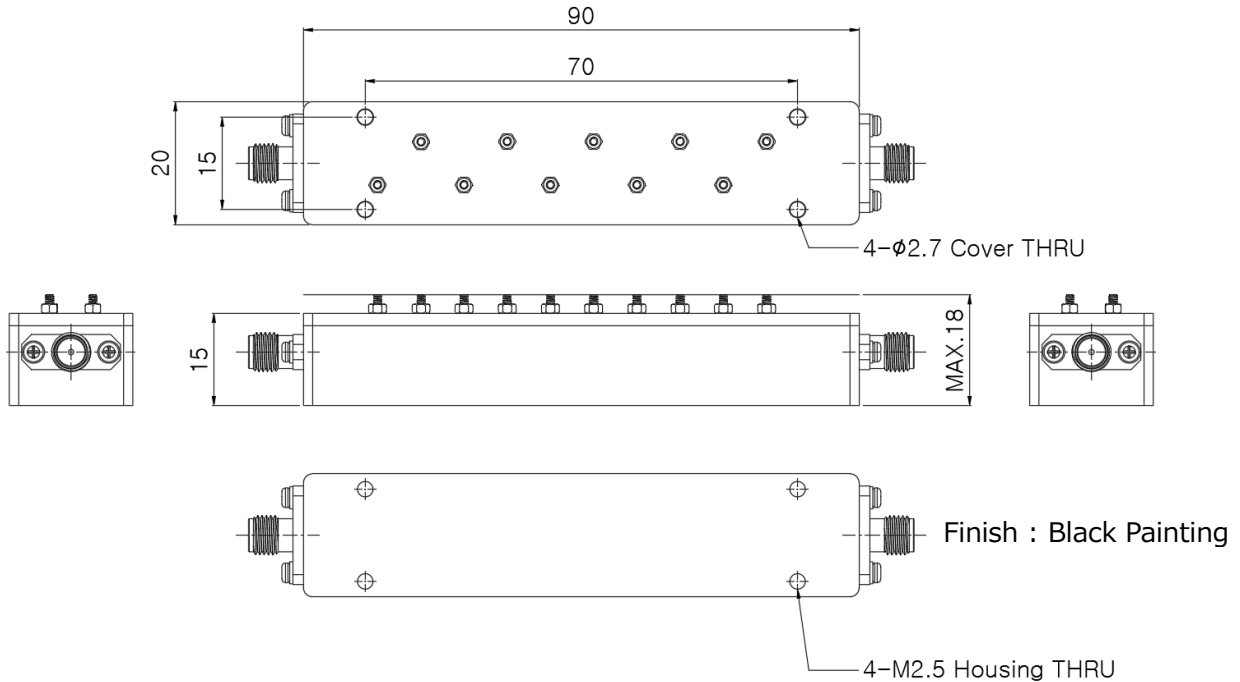


**HD34177**

**Cavity Band Pass Filter**

PRELIMINARY SPECIFICATION

■ Mechanical Drawing



■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	4650MHz	
2. Frequency Range	Fo $\pm$ 650[4000 ~ 5300]MHz	
3. Insertion Loss	0.7dB Max.	
4. VSWR	1.5 : 1 Max.	
5. Rejection	40dB Min @ DC ~ 3600MHz 40dB Min @ 5500 ~ 12000MHz	
6. Power Handling	10W Max	
7. Impedance	50 $\Omega$	
8. Size	90 X 20 X 15mm without T/S	
9. Weight	300g Max.	

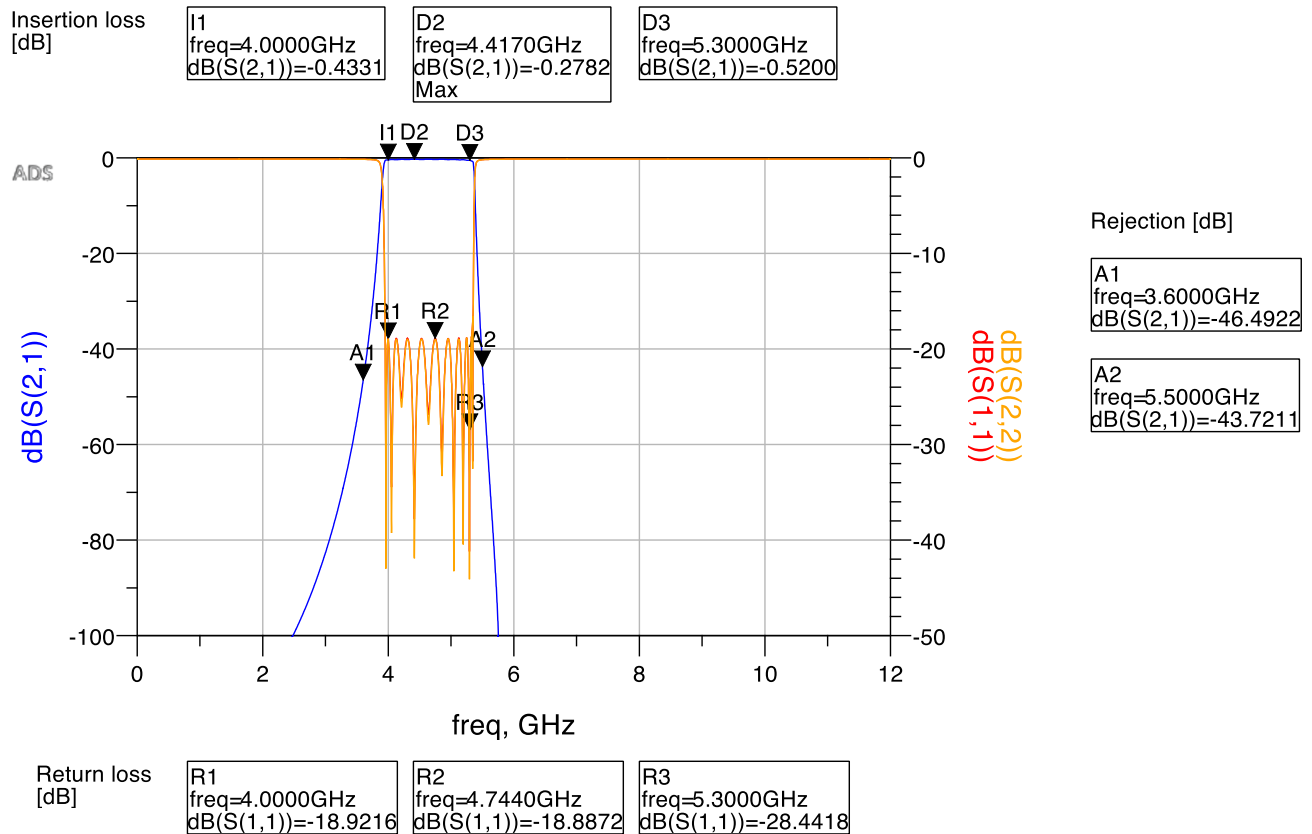
# HD34177

# Cavity Band Pass Filter

10. Connectors	SMA(F)	
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



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