

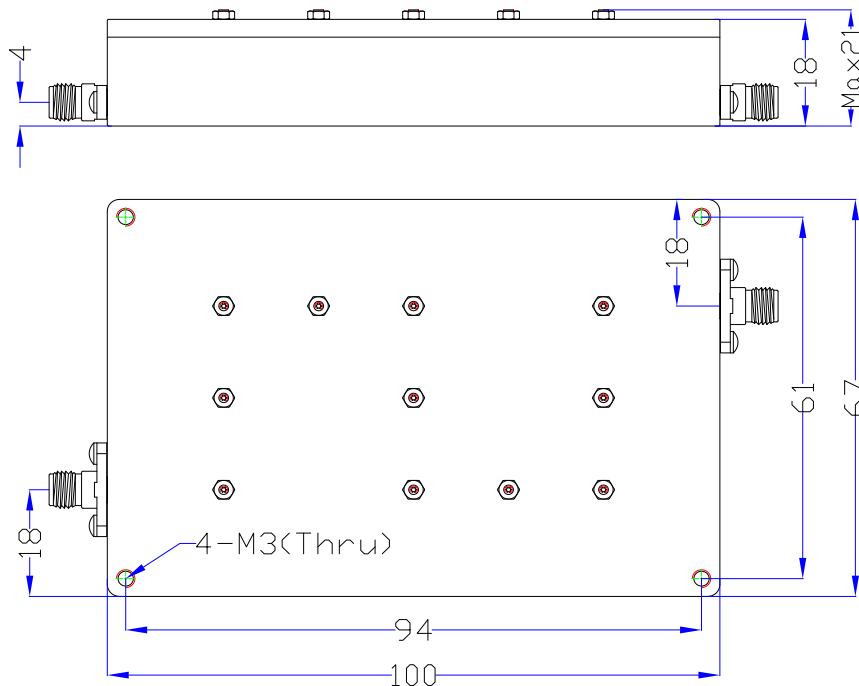
# WT-A9927-Q06

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	7000MHz
2	Pass Band Bandwidth	1.0MHz (6999.5 ~ 7000.5MHz) **
3	Pass Band Insertion Loss	≤6.5dB
4	Pass Band Ripple	≤1.0dB
5	Pass Band Return Loss	≥18dB
6	Stop Band Attenuation	≥8.0dB @ F0±5.0MHz (DC ~ 6995MHz , 7005 ~ 11500MHz)
7	Impedance	50 Ohms
8	Power Handling	5.0W Max.
9	Connectors	SMA-Female
10	Surface Finish	Painted Black
11	Temperature Range	+20°C ~ +30°C
12	Material	Housing: H62 Copper alloy      Connectors: Stainless Steel Cover: H62 Copper alloy      Other screw: Stainless Steel Tuning screw: H62 Copper alloy
13	Dimensions	100*67*18mm
14	Net weight	0.527 KG

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)



\*\* The actual design bandwidth will be greater than the Pass Band Bandwidth, and there is no bandwidth limit.