

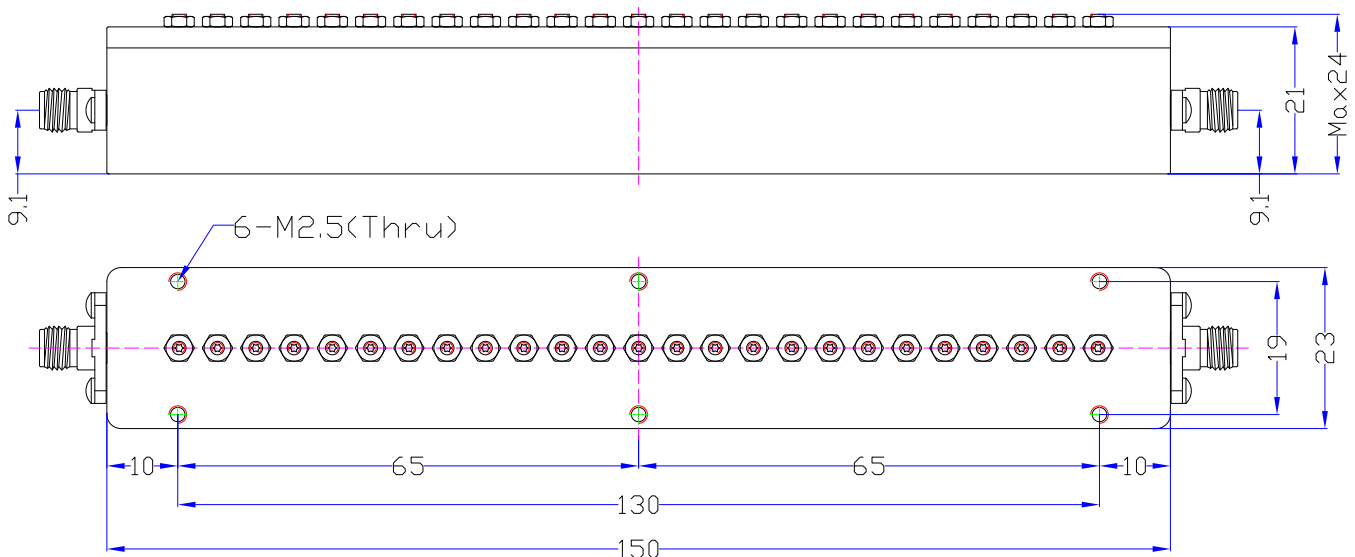
# WT-A9920-Q13

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	2300MHz
2	Pass Band Bandwidth	200MHz (2200 ~ 2400MHz) **
3	Pass Band Insertion Loss	≤0.9dB @ 2300MHz      ≤1.7dB @ 2200 ~ 2400MHz
4	Pass Band Ripple	≤0.95dB
5	Pass Band Return Loss	≥23dB
6	Stop Band Attenuation	≥80dB @ DC ~ 2115MHz      ≥30dB @ 2430 ~ 2475MHz ≥30dB @ 2115 ~ 2170MHz      ≥80dB @ 2475 ~ 8500MHz
7	Impedance	50 Ohms
8	Power Handling	10W Max.
9	Connectors	SMA-Female
10	Surface Finish	Painted Black
11	Temperature Range	-10°C ~ +50°C
12	Material	Housing: 6061 Aluminum alloy      Resonant column: H59 Copper alloy Cover: LY12 Aluminum alloy      Connectors: Stainless Steel Tuning screw: H62 Copper alloy      Other screw: Stainless Steel
13	Dimensions	150*23*21mm
14	Net weight	0.144 KG

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)



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