

# WT-A9312-Q13

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	7.95GHz
2	Pass Band Frequency	7.1 ~ 8.8GHz
3	Pass Band Insertion Loss	≤0.7dB
4	Pass Band Ripple	≤0.3dB
5	Pass Band Return Loss	≥23dB (Input / Output)
6	Stop Band Rejection	≥80dB @ DC ~ 6.25GHz      ≥80dB @ 9.5 ~ 25GHz
7	Impedance	50 Ohms
8	Power Handling	5W Max.
9	Connectors	Input: SMA-Male / Output: SMA-Male
10	Surface Finish	Painted Black
11	Temperature Range	-40°C ~ +85°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	90*16*9mm
14	Net weight	0.087 KG

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

