

# WT-A9730-Q05

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	14.8GHz
2	Pass Band Bandwidth	200MHz (14.7 ~ 14.9GHz)
3	Pass Band Insertion Loss	≤0.9dB
4	Pass Band Ripple	≤0.25dB
5	Pass Band Return Loss	≥23dB
6	Stop Band Rejection	≥65dB @ DC ~ 13.9GHz      ≥40dB @ 15.3 ~ 15.7GHz ≥40dB @ 13.9 ~ 14.3GHz      ≥65dB @ 15.7 ~ 25GHz
7	Impedance	50 Ohms
8	Power Handling	5.0W Max.
9	Connectors	SMA-Female
10	Surface Finish	Painted Black
11	Temperature Range	-20°C ~ +60°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	50*16*9mm
14	Net weight	0.05 KG

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

