

# WT-A5991-Q10

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	8.0GHz
2	3dB Bandwidth	0.8GHz Min. ~ 1.0GHz Max.
3	Pass Band Insertion Loss	≤1.0dB @ 760MHz Bandwidth (7.62 ~ 8.38GHz)
4	Pass Band VSWR	≤1.22:1 @ 760MHz Bandwidth (7.62 ~ 8.38GHz)
5	Stop Band Rejection	≥60dB @ DC ~ 7.2GHz      ≥70dB @ 8.8 ~ 18GHz
6	Impedance	50 Ohms
7	Power Handling	5W Max.
8	Connectors	SMA-Female
9	Surface Finish	Painted Black
10	Temperature Range	-30°C ~ +70°C
11	Material	Housing: H62 Copper alloy      Connectors: H59 Copper, Plated ternary alloy Cover: H62 Copper alloy      Other screw: Stainless Steel Tuning screw: H62 Copper alloy
12	Dimensions	80*16*10mm
13	Net weight	0.08 KG

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

