

# WT-A7598-Q09

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	12.7GHz
2	Pass Band Frequency	12.45 ~ 12.95GHz
3	Pass Band Insertion Loss	≤1.35dB (Typical: 1.0dB)
4	Pass Band Ripple	≤0.46dB
5	Pass Band Return Loss	≥20dB
6	Stop Band Attenuation	≥40dB @ DC ~ 12.25GHz      ≥40dB @ 13.15 ~ 26GHz
7	Impedance	50 Ohms
8	Power Handling	5W Max.
9	Connectors	SMA-Female
10	Surface Finish	Painted Black
11	Temperature Range	-30°C ~ +70°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	80*16*9mm
14	Net weight	0.075 KG

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

