

# WT-A8819-Q09

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	21.7GHz
2	Pass Band Frequency	21.2 ~ 22.2GHz
3	Pass Band Insertion Loss	≤0.8dB
4	Pass Band Ripple	≤0.25dB
5	Pass Band Return Loss	≥20dB
6	Stop Band Rejection	≥80dB @ DC ~ 19.3GHz      ≥40dB @ 23 ~ 24.1GHz ≥40dB @ 19.3 ~ 20.4GHz      ≥80dB @ 24.1 ~ 42GHz
7	Impedance	50 Ohms
8	Power Handling	5.0W 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	60*16*9mm
14	Net weight	0.065 KG

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

