

# WT-A8989-J19

## Interdigital Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	1.4GHz
2	Pass Band Frequency	1.0 ~ 1.8GHz
3	Pass Band Insertion Loss	≤0.6dB @ 1.4GHz ≤1.0dB @ 1.0 ~ 1.8GHz
4	Pass Band Ripple	≤0.6dB
5	Pass Band Return Loss	≥14dB
6	Stop Band Rejection	≥55dB @ DC ~ 0.9GHz      ≥48dB @ 1.9 ~ 3.0GHz
7	Impedance	50 Ohms
8	Power Handling	5.0W Max.
9	Connectors	SMA-Female
10	Surface Finish	Painted Black
11	Temperature Range	-40°C ~ +70°C
12	Material	Housing: 6061 Aluminum alloy      Connectors: Stainless Steel Cover: LY12 Aluminum alloy      Other screw: Stainless Steel Tuning screw: H62 Copper alloy
13	Dimensions	110*56*12mm
14	Net weight	0.14 KG

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

