

# WT-A9389-Q20

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	12GHz
2	3.0dB Bandwidth	2.3GHz Max. (10.85 ~ 13.15GHz Max.)
3	Pass Band Frequency	11 ~ 13GHz
4	Pass Band Insertion Loss	≤1.2dB @ 11 ~ 13GHz
5	Pass Band Ripple	≤0.7dB @ 11 ~ 13GHz
6	Pass Band Return Loss	≥23dB @ 11 ~ 13GHz
7	Stop Band Rejection	≥80dB @ DC ~ 10.5GHz      ≥80dB @ 13.5 ~ 26GHz
8	Impedance	50 Ohms
9	Power Handling	5.0W Max.
10	Connectors	SMA-Female
11	Surface Finish	Painted Black
12	Temperature Range	-30°C ~ +70°C
13	Material	Housing: H62 Copper alloy      Connectors: Stainless Steel Cover: H62 Copper alloy      Other screw: Stainless Steel Tuning screw: H62 Copper alloy
14	Dimensions	120*16*10mm
15	Net weight	0.13 KG

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

