

# WT-A9581-Q06

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	1090MHz
2	Pass Band Frequency	1080 ~ 1100MHz
3	Pass Band Insertion Loss	≤0.8dB
4	Pass Band Ripple	≤0.2dB
5	Pass Band Return Loss	≥23dB
6	Group Delay	≤23ns @ 1080 ~ 1100MHz
7	Stop Band Rejection	≥40dB @ DC ~ 1030MHz      ≥30dB @ 1150 ~ 4000MHz
8	Impedance	50 Ohms
9	Power Handling	20W Max.
10	Connectors	SMA-Female
11	Surface Finish	Painted Black
12	Temperature Range	-30°C ~ +70°C
13	Material	Housing: 6061 Aluminum alloy      Resonant column: H59 Copper alloy Cover: LY12 Aluminum alloy      Connectors: Stainless Steel Tuning screw: H62 Copper alloy      Other screw: Stainless Steel
14	Dimensions	95*65*31mm
15	Net weight	0.29 KG

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)

