

# WT-A9668-Q06

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	2400MHz
2	3.0dB Bandwidth	120MHz Min. ~ 200MHz Max. (2300 ~ 2340MHz to 2460 ~ 2500MHz)
3	Pass Band Insertion Loss	≤1.2dB @ 120MHz Bandwidth (2340 ~ 2460MHz)
4	Pass Band Ripple	≤0.5dB @ 120MHz Bandwidth (2340 ~ 2460MHz)
5	Pass Band Return Loss	≥23dB @ 120MHz Bandwidth (2340 ~ 2460MHz)
6	Stop Band Attenuation	≥40dB @ F0±200MHz (DC ~ 2200MHz , 2600 ~ 9500MHz)
7	Impedance	50 Ohms
8	Power Handling	10W Max.
9	Connectors	SMA-Female
10	Surface Finish	Painted Black
11	Temperature Range	-30°C ~ +70°C
12	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
13	Dimensions	80*20*20mm
14	Net weight	0.069 KG

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

