

# WT-A8474-Q07

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	900MHz
2	Pass Band Bandwidth	100MHz (850 ~ 950MHz)
3	Pass Band Insertion Loss	≤0.5dB @ 900MHz ≤0.7dB @ 850 ~ 950MHz
4	Pass Band Ripple	≤0.3dB
5	Pass Band Return Loss	≥20dB
6	Stop Band Rejection	≥90dB @ DC ~ 500MHz      ≥90dB @ 1200 ~ 4000MHz
7	Impedance	50 Ohms
8	Power	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	141*40*30mm
14	Net weight	0.26 KG

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

