

# WT-A9841-Q08

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	875MHz
2	Pass Band Bandwidth	150MHz (800 ~ 950MHz)
3	Pass Band Insertion Loss	≤0.8dB
4	Pass Band Ripple	≤0.4dB
5	Pass Band Return Loss	≥20dB
6	Stop Band Rejection	≥50dB @ DC ~ 700MHz      ≥60dB @ 1050 ~ 3000MHz
7	Impedance	50 Ohms
8	Power Handling	40W 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	152*48*30mm
14	Net weight	0.317 KG

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

