

# WT-A7305-Q12

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	8.45GHz
2	Pass Band Bandwidth	0.5GHz (8.2 ~ 8.7GHz)
3	Pass Band Insertion Loss	≤1.3dB
4	Pass Band Ripple	≤0.5dB
5	Pass Band Return Loss	≥20dB
6	Stop Band Rejection	≥40dB @ DC ~ 8.075GHz      ≥40dB @ 8.825 ~ 21.5GHz
7	Impedance	50 Ohms
8	Power Handling	5W Max.
9	Connectors	SMA-Female
10	Surface Finish	Painted Black
11	Temperature Range	-30°C ~ +70°C
12	Material	Housing: H62 Copper alloy      Connectors: Stainless Steel Cover: H62 Copper alloy      Other screw: Stainless Steel Tuning screw: H62 Copper alloy
13	Dimensions	110*18*10mm
14	Net weight	0.12 KG

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

