

# WT-A8247-Q05

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	12500MHz
2	Pass Band Bandwidth	50MHz (12475 ~ 12525MHz)
3	Pass Band Insertion Loss	≤0.7dB
4	Pass Band Ripple	≤0.1dB
5	Pass Band VSWR	≤1.22:1
6	Stop Band Rejection	≥55dB @ F0±1000MHz (DC ~ 11500MHz , 13500 ~ 24500MHz)
7	Impedance	50 Ohms
8	Power Handling	5.0W 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	50*16*9mm
14	Net weight	0.05 KG

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

