

# WT-A9347-Q06

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	1410MHz	
2	Pass Band Frequency	1400 ~ 1420MHz	
3	Pass Band Insertion Loss	≤1.0dB	
4	Pass Band Ripple	≤0.4dB	
5	Pass Band Return Loss	≥23dB	
6	Stop Band Rejection	≥80dB @ DC ~ 980MHz ≥55dB @ 980 ~ 1380MHz	≥50dB @ 1440 ~ 1840MHz ≥80dB @ 1840 ~ 6500MHz
7	Impedance	50 Ohms	
8	Power Handling	20W Max.	
9	Connectors	SMA-Female	
10	Surface Finish	Painted Black	
11	Temperature Range	-30°C ~ +70°C	
12	Material	Housing: 6061 Aluminum alloy Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Resonant column: H59 Copper alloy Connectors: Stainless Steel Other screw: Stainless Steel
13	Dimensions	107*73*26mm	
14	Net weight	0.31 KG	

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

