

# WT-A8923-Q08

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	9650MHz	
2	Pass Band Bandwidth	±360MHz (9290 ~ 10010MHz)	
3	Pass Band Insertion Loss	≤0.8dB	
4	Pass Band Ripple	≤0.3dB	
5	Pass Band VSWR	≤1.15:1	
6	Pass Band Group Delay	≤4.0ns	
7	Stop Band Attenuation	≥80dB @ DC ~ 8200MHz ≥55dB @ 8200 ~ 8700MHz	≥55dB @ 10600 ~ 11100MHz ≥80dB @ 11100 ~ 24000MHz
8	Impedance	50 Ohms	
9	Power Handling	10W Max.	
10	Connectors	SMA-Female	
11	Surface Finish	Painted Black	
12	Temperature Range	-30°C ~ +70°C	
13	Material	Housing: H62 Copper alloy Cover: H62 Copper alloy Tuning screw: H62 Copper alloy	Connectors: Stainless Steel Other screw: Stainless Steel
14	Dimensions	70*16*9mm	
15	Net weight	0.07 KG	

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

