

# WT-A8908-Q07

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	1856MHz	
2	3.0dB Bandwidth	64MHz Max. (1824 ~ 1888MHz Max.)	
3	Pass Band Bandwidth	54MHz (1829 ~ 1883MHz)	
4	Pass Band Insertion Loss	≤1.5dB	
5	Pass Band Ripple	≤0.7dB	
6	Pass Band VSWR	≤1.22:1	
7	Pass Band Group Delay	≤52ns	
8	Stop Band Attenuation	≥70dB @ DC ~ 1774MHz ≥27dB @ 1774 ~ 1811.5MHz	≥27dB @ 1900.5 ~ 1938MHz ≥70dB @ 1938 ~ 5000MHz
9	Impedance	50 Ohms	
10	Power Handling	20W Max.	
11	Connectors	SMA-Female	
12	Surface Finish	Painted Black	
13	Temperature Range	-20°C ~ +60°C	
14	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
15	Dimensions	147*33*25mm	
16	Net weight	0.19 KG	

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

