

# WT-A8888-Q08

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters						
1	Center Frequency(F0)	9.5GHz						
2	Pass Band Frequency	9.0 ~ 10GHz						
3	Pass Band Insertion Loss	≤0.7dB						
4	Pass Band Ripple	≤0.3dB						
5	Pass Band Return Loss	≥23dB						
6	Stop Band Rejection	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">≥80dB @ DC ~ 7.8GHz</td> <td style="width: 50%; border: none;">≥75dB @ 11 ~ 11.2GHz</td> </tr> <tr> <td style="border: none;">≥75dB @ 7.8 ~ 8.0GHz</td> <td style="border: none;">≥80dB @ 11.2 ~ 23GHz</td> </tr> </table>	≥80dB @ DC ~ 7.8GHz	≥75dB @ 11 ~ 11.2GHz	≥75dB @ 7.8 ~ 8.0GHz	≥80dB @ 11.2 ~ 23GHz		
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7	Impedance	50 Ohms						
8	Power Handling	10W Max.						
9	Connectors	SMA-Female						
10	Surface Finish	Painted Black						
11	Temperature Range	-30°C ~ +70°C						
12	Material	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">Housing: H62 Copper alloy</td> <td style="width: 50%; border: none;">Connectors: Stainless Steel</td> </tr> <tr> <td style="border: none;">Cover: H62 Copper alloy</td> <td style="border: none;">Other screw: Stainless Steel</td> </tr> <tr> <td colspan="2" style="border: none;">Tuning screw: H62 Copper alloy</td> </tr> </table>	Housing: H62 Copper alloy	Connectors: Stainless Steel	Cover: H62 Copper alloy	Other screw: Stainless Steel	Tuning screw: H62 Copper alloy	
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Cover: H62 Copper alloy	Other screw: Stainless Steel							
Tuning screw: H62 Copper alloy								
13	Dimensions	70*16*9mm						
14	Net weight	0.07 KG						

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

