

# WT-A8980-Q07

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters						
1	Center Frequency(F0)	8037MHz						
2	Pass Band Frequency	7987 ~ 8087MHz						
3	Pass Band Insertion Loss	≤1.4dB						
4	Pass Band Ripple	≤0.3dB						
5	Pass Band Return Loss	≥23dB						
6	Stop Band Rejection	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">≥80dB @ DC ~ 7597MHz</td> <td style="width: 50%;">≥40dB @ 8237 ~ 8477MHz</td> </tr> <tr> <td>≥40dB @ 7597 ~ 7837MHz</td> <td>≥80dB @ 8477 ~ 22000MHz</td> </tr> </table>	≥80dB @ DC ~ 7597MHz	≥40dB @ 8237 ~ 8477MHz	≥40dB @ 7597 ~ 7837MHz	≥80dB @ 8477 ~ 22000MHz		
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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	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Housing: H62 Copper alloy</td> <td style="width: 50%;">Connectors: Stainless Steel</td> </tr> <tr> <td>Cover: H62 Copper alloy</td> <td>Other screw: Stainless Steel</td> </tr> <tr> <td colspan="2">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*10mm						
14	Net weight	0.07 KG						

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

