

# WT-A8995-Q12

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters						
1	Center Frequency(F0)	3450MHz						
2	Pass Band Frequency	3300 ~ 3600MHz						
3	Pass Band Insertion Loss	≤1.4dB						
4	Pass Band Ripple	≤0.7dB						
5	Pass Band VSWR	≤1.15:1						
6	Stop Band Rejection	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">≥80dB @ DC ~ 3150MHz</td> <td style="width: 50%;">≥60dB @ 3680 ~ 3750MHz</td> </tr> <tr> <td>≥55dB @ 3150 ~ 3220MHz</td> <td>≥80dB @ 3750 ~ 8000MHz</td> </tr> </table>	≥80dB @ DC ~ 3150MHz	≥60dB @ 3680 ~ 3750MHz	≥55dB @ 3150 ~ 3220MHz	≥80dB @ 3750 ~ 8000MHz		
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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	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Housing: 6061 Aluminum alloy</td> <td style="width: 50%;">Resonant column: H59 Copper alloy</td> </tr> <tr> <td>Cover: LY12 Aluminum alloy</td> <td>Connectors: Stainless Steel</td> </tr> <tr> <td>Tuning screw: H62 Copper alloy</td> <td>Other screw: Stainless Steel</td> </tr> </table>	Housing: 6061 Aluminum alloy	Resonant column: H59 Copper alloy	Cover: LY12 Aluminum alloy	Connectors: Stainless Steel	Tuning screw: H62 Copper alloy	Other screw: Stainless Steel
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13	Dimensions	180*27*23mm						
14	Net weight	0.188 KG						

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

