

WT-A8509-Q08

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters						
1	Center Frequency(F0)	6.834GHz						
2	Pass Band Frequency	6.774 ~ 6.894GHz						
3	Pass Band Insertion Loss	≤1.8dB						
4	Pass Band Ripple	≤0.8dB						
5	Pass Band Return Loss	≥20dB						
6	Stop Band Attenuation	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">≥70dB @ DC ~ 6.654GHz</td> <td style="width: 50%;">≥35dB @ 6.954 ~ 7.014GHz</td> </tr> <tr> <td>≥35dB @ 6.654 ~ 6.714GHz</td> <td>≥70dB @ 7.014 ~ 23GHz</td> </tr> </table>	≥70dB @ DC ~ 6.654GHz	≥35dB @ 6.954 ~ 7.014GHz	≥35dB @ 6.654 ~ 6.714GHz	≥70dB @ 7.014 ~ 23GHz		
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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	-20°C ~ +60°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	110*18*11mm						
14	Net weight	0.13 KG						

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

