

WT-A9350-Q11

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters						
1	Center Frequency(F0)	13.65GHz						
2	Pass Band Frequency	12.8 ~ 14.5GHz						
3	Pass Band Insertion Loss	≤0.8dB						
4	Pass Band Ripple	≤0.3dB						
5	Pass Band Return Loss	≥23dB (Input / Output)						
6	Stop Band Rejection	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">≥80dB @ DC ~ 11.7GHz</td> <td style="width: 50%;">≥45dB @ 14.95 ~ 15.35GHz</td> </tr> <tr> <td>≥70dB @ 11.7 ~ 11.95GHz</td> <td>≥80dB @ 15.35 ~ 30GHz</td> </tr> <tr> <td>≥40dB @ 11.95 ~ 12.35GHz</td> <td></td> </tr> </table>	≥80dB @ DC ~ 11.7GHz	≥45dB @ 14.95 ~ 15.35GHz	≥70dB @ 11.7 ~ 11.95GHz	≥80dB @ 15.35 ~ 30GHz	≥40dB @ 11.95 ~ 12.35GHz	
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7	Impedance	50 Ohms						
8	Power Handling	5.0W Max.						
9	Connectors	Input: SMA-Male / Output: SMA-Male						
10	Surface Finish	Painted Black						
11	Temperature Range	-40°C ~ +85°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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13	Dimensions	70*16*10mm						
14	Net weight	0.08 KG						

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

