

WT-A9535-Q06

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters						
1	Center Frequency(F0)	917.5MHz						
2	Pass Band Frequency	915 ~ 920MHz						
3	Pass Band Insertion Loss	≤2.8dB						
4	Pass Band Ripple	≤0.9dB						
5	Pass Band Return Loss	≥23dB						
6	Stop Band Rejection	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">≥45dB @ DC ~ 900MHz</td> <td style="width: 50%;">≥20dB @ 923 ~ 935MHz</td> </tr> <tr> <td>≥20dB @ 900 ~ 912MHz</td> <td>≥45dB @ 935 ~ 3500MHz</td> </tr> </table>	≥45dB @ DC ~ 900MHz	≥20dB @ 923 ~ 935MHz	≥20dB @ 900 ~ 912MHz	≥45dB @ 935 ~ 3500MHz		
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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	0°C ~ +50°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	95*65*41mm						
14	Net weight	0.378 KG						

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)

