

WT-A8740-Q13

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters						
1	Center Frequency(F0)	13.85GHz						
2	Pass Band Frequency	13.1 ~ 14.6GHz						
3	Pass Band Insertion Loss	≤1.4dB						
4	Pass Band Ripple	≤0.7dB						
5	Pass Band Return Loss	≥23dB						
6	Stop Band Rejection	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">≥80dB @ DC ~ 12.45GHz</td> <td style="width: 50%;">≥60dB @ 15 ~ 15.25GHz</td> </tr> <tr> <td>≥60dB @ 12.45 ~ 12.7GHz</td> <td>≥80dB @ 15.25 ~ 34GHz</td> </tr> </table>	≥80dB @ DC ~ 12.45GHz	≥60dB @ 15 ~ 15.25GHz	≥60dB @ 12.45 ~ 12.7GHz	≥80dB @ 15.25 ~ 34GHz		
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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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Tuning screw: H62 Copper alloy								
13	Dimensions	70*16*9.5mm						
24	Net weight	0.075 KG						

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

