

WT-A9635-Q13

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters						
1	Center Frequency(F0)	9.25GHz						
2	Pass Band Frequency	8.6 ~ 9.9GHz						
3	Pass Band Insertion Loss	≤1.0dB						
4	Pass Band Ripple	≤0.6dB						
5	Pass Band Return Loss	≥23dB						
6	Stop Band Rejection	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">≥80dB @ DC ~ 8.0GHz</td> <td style="width: 50%; border: none;">≥35dB @ 10.1 ~ 10.5GHz</td> </tr> <tr> <td style="border: none;">≥30dB @ 8.0 ~ 8.4GHz</td> <td style="border: none;">≥80dB @ 10.5 ~ 27GHz</td> </tr> </table>	≥80dB @ DC ~ 8.0GHz	≥35dB @ 10.1 ~ 10.5GHz	≥30dB @ 8.0 ~ 8.4GHz	≥80dB @ 10.5 ~ 27GHz		
≥80dB @ DC ~ 8.0GHz	≥35dB @ 10.1 ~ 10.5GHz							
≥30dB @ 8.0 ~ 8.4GHz	≥80dB @ 10.5 ~ 27GHz							
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 style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">Housing: H62 Copper alloy</td> <td style="width: 50%; border: none;">Connectors: Stainless Steel</td> </tr> <tr> <td style="border: none;">Cover: H62 Copper alloy</td> <td style="border: none;">Other screw: Stainless Steel</td> </tr> <tr> <td colspan="2" style="border: none;">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	
Housing: H62 Copper alloy	Connectors: Stainless Steel							
Cover: H62 Copper alloy	Other screw: Stainless Steel							
Tuning screw: H62 Copper alloy								
13	Dimensions	90*16*9mm						
14	Net weight	0.084 KG						

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

