

WT-A8813-Q20

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters						
1	Center Frequency(F0)	13.95GHz						
2	Pass Band Bandwidth	2.1GHz (12.9 ~ 15GHz)						
3	Pass Band Insertion Loss	≤1.5dB						
4	Pass Band Ripple	≤0.8dB						
5	Pass Band Return Loss	≥20dB						
6	Stop Band Rejection	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">≥80dB @ DC ~ 12.52GHz</td> <td style="width: 50%;">≥50dB @ 15.2 ~ 15.38GHz</td> </tr> <tr> <td>≥45dB @ 12.52 ~ 12.7GHz</td> <td>≥80dB @ 15.38 ~ 33GHz</td> </tr> </table>	≥80dB @ DC ~ 12.52GHz	≥50dB @ 15.2 ~ 15.38GHz	≥45dB @ 12.52 ~ 12.7GHz	≥80dB @ 15.38 ~ 33GHz		
≥80dB @ DC ~ 12.52GHz	≥50dB @ 15.2 ~ 15.38GHz							
≥45dB @ 12.52 ~ 12.7GHz	≥80dB @ 15.38 ~ 33GHz							
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	
Housing: H62 Copper alloy	Connectors: Stainless Steel							
Cover: H62 Copper alloy	Other screw: Stainless Steel							
Tuning screw: H62 Copper alloy								
13	Dimensions	120*16*9.5mm						
14	Net weight	0.122 KG						

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

