

WT-A8118-Q12

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters						
1	Center Frequency(F0)	11GHz						
2	Pass Band Frequency	10 ~ 12GHz						
3	Pass Band Insertion Loss	≤0.8dB						
4	Pass Band Ripple	≤0.28dB						
5	Pass Band Return Loss	≥23dB						
6	Stop Band Rejection	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">≥80dB @ DC ~ 8.9GHz</td> <td style="width: 50%;">≥40dB @ 12.45 ~ 12.95GHz</td> </tr> <tr> <td>≥45dB @ 8.9 ~ 9.5GHz</td> <td>≥80dB @ 12.95 ~ 25GHz</td> </tr> </table>	≥80dB @ DC ~ 8.9GHz	≥40dB @ 12.45 ~ 12.95GHz	≥45dB @ 8.9 ~ 9.5GHz	≥80dB @ 12.95 ~ 25GHz		
≥80dB @ DC ~ 8.9GHz	≥40dB @ 12.45 ~ 12.95GHz							
≥45dB @ 8.9 ~ 9.5GHz	≥80dB @ 12.95 ~ 25GHz							
7	Impedance	50 Ohms						
8	Power Handling	5W 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	80*16*9mm						
14	Net weight	0.077 KG						

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

