

WT-A7038-S20

Comb Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters						
1	Center Frequency(F0)	31GHz						
2	Pass Band Frequency	26 ~ 36GHz						
3	Pass Band Insertion Loss	≤1.2dB						
4	Pass Band Ripple	≤0.6dB						
5	Pass Band Return Loss	≥17dB						
6	Stop Band Attenuation	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">≥45dB @ DC ~ 25.2GHz</td> <td style="width: 50%;">≥40dB @ 37 ~ 47GHz (can guarantee)</td> </tr> <tr> <td>≥25dB @ 25.2 ~ 25.5GHz</td> <td>≥40dB @ 47 ~ 50GHz (can't guarantee)</td> </tr> </table>	≥45dB @ DC ~ 25.2GHz	≥40dB @ 37 ~ 47GHz (can guarantee)	≥25dB @ 25.2 ~ 25.5GHz	≥40dB @ 47 ~ 50GHz (can't guarantee)		
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7	Impedance	50 Ohms						
8	Power	5W Max.						
9	Connectors	2.92mm(K)-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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Cover: H62 Copper alloy	Other screw: Stainless Steel							
Tuning screw: H62 Copper alloy								
13	Dimensions	70*16*8.8mm						
14	Net weight	0.072 KG						

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

