

WT-A8714-Q12

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters						
1	Center Frequency(F0)	4.6GHz						
2	Pass Band Frequency	4.5 ~ 4.7GHz						
3	Pass Band Insertion Loss	≤1.5dB						
4	Pass Band Ripple	≤0.7dB						
5	Pass Band VSWR	≤1.15:1						
6	Stop Band Rejection	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">≥80dB @ DC ~ 4.375GHz</td> <td style="width: 50%; border: none;">≥25dB @ 4.73 ~ 4.825GHz</td> </tr> <tr> <td style="border: none;">≥25dB @ 4.375 ~ 4.47GHz</td> <td style="border: none;">≥95dB @ 4.825 ~ 13GHz</td> </tr> </table>	≥80dB @ DC ~ 4.375GHz	≥25dB @ 4.73 ~ 4.825GHz	≥25dB @ 4.375 ~ 4.47GHz	≥95dB @ 4.825 ~ 13GHz		
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7	Impedance	50 Ohms						
8	Power	10W 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: 6061 Aluminum alloy</td> <td style="width: 50%; border: none;">Connectors: Stainless Steel</td> </tr> <tr> <td style="border: none;">Cover: LY12 Aluminum 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: 6061 Aluminum alloy	Connectors: Stainless Steel	Cover: LY12 Aluminum alloy	Other screw: Stainless Steel	Tuning screw: H62 Copper alloy	
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13	Dimensions	78*60*16mm						
14	Net weight	0.14 KG						

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

