

WT-A8887-J15

Interdigital Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters						
1	Center Frequency(F0)	1.95GHz						
2	Pass Band Frequency	1.4 ~ 2.5GHz						
3	Pass Band Insertion Loss	≤1.2dB						
4	Pass Band Ripple	≤0.7dB						
5	Pass Band Return Loss	≥14dB						
6	Stop Band Rejection	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">≥60dB @ DC ~ 1.15GHz</td> <td style="width: 50%;">≥30dB @ 2.65 ~ 2.75GHz</td> </tr> <tr> <td>≥35dB @ 1.15 ~ 1.25GHz</td> <td>≥50dB @ 2.75 ~ 5.0GHz</td> </tr> </table>	≥60dB @ DC ~ 1.15GHz	≥30dB @ 2.65 ~ 2.75GHz	≥35dB @ 1.15 ~ 1.25GHz	≥50dB @ 2.75 ~ 5.0GHz		
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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: 6061 Aluminum alloy</td> <td style="width: 50%;">Connectors: Stainless Steel</td> </tr> <tr> <td>Cover: LY12 Aluminum alloy</td> <td>Other screw: Stainless Steel</td> </tr> <tr> <td colspan="2">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	75*42*11mm						
14	Net weight	0.078 KG						

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

