

WT-A6635-J19

Interdigital Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters						
1	Center Frequency(F0)	1200MHz						
2	Pass Band Bandwidth	500MHz (950 ~ 1450MHz)						
3	Pass Band Insertion Loss	≤1.0dB						
4	Pass Band Ripple	≤0.6dB						
5	Pass Band VSWR	≤1.6:1						
6	Stop Band Rejection	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">$\geq 80\text{dB @ DC} \sim 850\text{MHz}$</td> <td style="width: 50%;">$\geq 30\text{dB @ } 1500 \sim 1550\text{MHz}$</td> </tr> <tr> <td>$\geq 35\text{dB @ } 850 \sim 900\text{MHz}$</td> <td>$\geq 80\text{dB @ } 1550 \sim 2400\text{MHz}$</td> </tr> </table>	$\geq 80\text{dB @ DC} \sim 850\text{MHz}$	$\geq 30\text{dB @ } 1500 \sim 1550\text{MHz}$	$\geq 35\text{dB @ } 850 \sim 900\text{MHz}$	$\geq 80\text{dB @ } 1550 \sim 2400\text{MHz}$		
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7	Impedance	50 Ohms						
8	Power Handling	2W Max.						
9	Connectors	SMA-Female						
10	Surface Finish	Painted Black						
11	Temperature Range	-30°C ~ +70°C						
12	Material	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Housing: 6061 Aluminum alloy</td> <td style="width: 50%;">Connectors: H59 Copper, Plated ternary alloy</td> </tr> <tr> <td>Cover: LY12 Aluminum alloy</td> <td>Other screw: Stainless Steel</td> </tr> <tr> <td>Tuning screw: H62 Copper alloy</td> <td></td> </tr> </table>	Housing: 6061 Aluminum alloy	Connectors: H59 Copper, Plated ternary alloy	Cover: LY12 Aluminum alloy	Other screw: Stainless Steel	Tuning screw: H62 Copper alloy	
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13	Dimensions	128*67*12mm						
14	Net weight	0.17 KG						

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

