

HXLBQ-DTA167

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters				
1	Center Frequency(F0)	897.5MHz				
2	Pass Band Frequency	880 ~ 915MHz				
3	Pass Band Insertion Loss	≤2.0dB				
4	Pass Band VSWR	≤1.3:1				
5	Stop Band Rejection	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">$\geq 50\text{dB @ DC} \sim 860\text{MHz}$</td> <td style="width: 50%;">$\geq 40\text{dB @ } 925 \sim 935\text{MHz}$</td> </tr> <tr> <td>$\geq 40\text{dB @ } 860 \sim 870\text{MHz}$</td> <td>$\geq 50\text{dB @ } 935 \sim 2700\text{MHz}$</td> </tr> </table>	$\geq 50\text{dB @ DC} \sim 860\text{MHz}$	$\geq 40\text{dB @ } 925 \sim 935\text{MHz}$	$\geq 40\text{dB @ } 860 \sim 870\text{MHz}$	$\geq 50\text{dB @ } 935 \sim 2700\text{MHz}$
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6	Impedance	50 Ohms				
7	Power Handling	20W Max.				
8	Connectors	N-Female				
9	Surface Finish	Painted Black				
10	Temperature Range	-30°C ~ +70°C				
11	Material	Housing: 6061 Aluminum alloy Connectors: H59 Copper, Plated ternary alloy Cover: LY12 Aluminum alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy				
12	Dimensions	120*62*41mm				
13	Net weight	TBD				

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)

