

- **Model: HXLBQ-DTA295**
- **Product Name: Comb Band Pass Filter**
- **Frequency: 20~28.5GHz**

- ★ **High Stop Band Rejection**
- ★ **Low Pass Band Insertion Loss**
- ★ **Customizable Design**
- ★ **High Reliability**

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	24.25GHz	
● Pass Band Frequency	20 ~ 28.5GHz	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.35dB	
● Pass Band VSWR	≤1.33:1	
● Stop Band Attenuation	≥70dB @ DC ~ 18GHz	≥60dB @ 30.5 ~ 41.5GHz
● Impedance	50 Ohms	
● Power Handling	5W Max.	
● Connectors	2.4mm-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	TBD	

Note: The actual design bandwidth will be greater than the Pass Band Frequency, and there is no bandwidth limit.

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

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|-------------------|----------------------------------|--------------------------------|
| ● Material | ● Housing: H62 Copper alloy | ● Connectors: Stainless Steel |
| | ● Cover: H62 Copper alloy | ● Other screw: Stainless Steel |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 70*16*12mm |

