

- **Model: HXLBQ-DTA1065**
- **Product Name: Comb Band Pass Filter**
- **Frequency: 16.7~27.5GHz**
- ★ **High Stop Band Rejection**
- ★ **Low Pass Band Insertion Loss**
- ★ **Customizable Design**
- ★ **High Reliability**

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	22.1GHz	
● Pass Band Frequency	16.7 ~ 27.5GHz	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.6dB	
● Pass Band Return Loss	≥16dB	
● Stop Band Rejection	≥80dB @ DC ~ 14.55GHz	≥50dB @ 28.27 ~ 28.69GHz
	≥50dB @ 14.55 ~ 15.48GHz	≥80dB @ 28.69 ~ 45GHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	2.92mm(K)-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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|-------------------|----------------------------------|-------------------------------|
| ◆ <b>Material</b> | ● Housing: H62 Copper alloy      | ● Connectors: Stainless Steel |
|                   | ● Cover: H62 Copper alloy        | ● Working Environment: Indoor |
|                   | ● Tuning screw: H62 Copper alloy | ● Dimensions: 60*16*11.2mm    |

