

- **Model: HXLBQ-DTA1318**
- **Product Name: Comb Band Pass Filter**
- **Frequency: 25~37.5GHz**

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

### Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	31.25GHz	
● Pass Band Frequency	25 ~ 37.5GHz	
● Pass Band Insertion Loss	≤1.25dB	
● Pass Band Ripple	≤0.6dB	
● Pass Band Return Loss	≥17dB	
● Stop Band Rejection	≥80dB @ DC ~ 23.05GHz ≥40dB @ 23.05 ~ 24GHz	≥45dB @ 38.5 ~ 39.32GHz ≥80dB @ 39.32 ~ 55GHz
● 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: ±0.3mm)

- |                   |                                  |                               |
|-------------------|----------------------------------|-------------------------------|
| ◆ <b>Material</b> | ● Housing: H62 Copper alloy      | ● Connectors: Stainless Steel |
|                   | ● Cover: H62 Copper alloy        | ● Working Environment: Indoor |
|                   | ● Tuning screw: H62 Copper alloy | ● Dimensions: 60*14*10.7mm    |

