

- **Model: HXLBQ-DTA269**
- **Product Name: Comb Band Pass Filter**
- **Frequency: 12~15GHz**

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	13.5GHz	
● Pass Band Frequency	12 ~ 15GHz	
● Pass Band Insertion Loss	≤0.5dB	
● Pass Band Ripple	≤0.25dB	
● Pass Band VSWR	≤1.2:1	
● Stop Band Rejection	≥80dB @ DC ~ 9.0GHz ≥50dB @ 9.0 ~ 10.5GHz	≥70dB @ 16.5 ~ 17GHz ≥80dB @ 17 ~ 24GHz
● Impedance	50 Ohms	
● Power	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	0.06 KG	

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: 60*16*12mm |

