

- **Model: HXLBQ-DTA565**
- **Product Name: Comb Band Pass Filter**
- **Frequency: 12~18GHz**

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	15GHz	
● Pass Band Frequency	12 ~ 18GHz	
● Pass Band Insertion Loss	≤0.75dB	
● Pass Band Ripple	≤0.45dB	
● Pass Band Return Loss	≥18dB	
● Stop Band Rejection	≥80dB @ DC ~ 10GHz	≥30dB @ 18.5 ~ 18.65GHz
	≥50dB @ 10 ~ 11GHz	≥50dB @ 18.65 ~ 18.95GHz
	≥10dB @ 11 ~ 11.5GHz	≥80dB @ 18.95 ~ 27GHz
● Impedance	50 Ohms	
● Power Handling	5W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	0.104 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: ±0.3mm)

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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: 90*17*14mm |

