

- **Model:** HXLBQ-DTA596
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 5.85~6.725MHz
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

### Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	6.2875GHz	
● Pass Band Frequency	5.85 ~ 6.725GHz	
● Pass Band Insertion Loss	≤0.6dB	
● Pass Band Ripple	≤0.2dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥90dB @ DC ~ 4.6GHz	≥90dB @ 8.1 ~ 18.5GHz
● Impedance	50 Ohms	
● Power Handling	20W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	0.075 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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| <ul style="list-style-type: none"> <li>● <b>Material</b></li> <li>● Housing: H62 Copper alloy</li> <li>● Cover: H62 Copper alloy</li> <li>● Tuning screw: H62 Copper alloy</li> </ul> | <ul style="list-style-type: none"> <li>● Connectors: Stainless Steel</li> <li>● Working Environment: Indoor</li> <li>● Dimensions: 70*16*14mm</li> </ul> |
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