

- **Model: HXLBQ-DTA590**
- **Product Name: Comb Band Pass Filter**
- **Frequency: 2600~3850MHz**
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

### Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	3225MHz	
● Pass Band Bandwidth	1250MHz (2600 ~ 3850MHz)	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.6dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥80dB @ DC ~ 1900MHz ≥65dB @ 1900 ~ 2080MHz ≥30dB @ 2080 ~ 2400MHz	≥40dB @ 4050 ~ 4180MHz ≥80dB @ 4180 ~ 9000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	

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: 6061 Aluminum alloy</li> <li>● Cover: LY12 Aluminum 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: 120*23*23mm</li> </ul> |
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