

- **Model: HXLBQ-DTA346**
- **Product Name: Comb Band Pass Filter**
- **Frequency: 3650~4750MHz**
- ★ **High Stop Band Rejection**
- ★ **Low Pass Band Insertion Loss**
- ★ **Customizable Design**
- ★ **High Reliability**

### Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	4200MHz
● Pass Band Frequency	3650 ~ 4750MHz
● Pass Band Insertion Loss	≤1.3dB
● Pass Band Ripple	≤0.7dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥30dB @ DC ~ 3500MHz      ≥30dB @ 4900 ~ 13000MHz
● Impedance	50 Ohms
● Power Handling	5W Max.
● Connectors	SMA-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: ±0.5mm)

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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: H59 Copper, Plated ternary alloy</li> <li>● Other screw: Stainless Steel</li> <li>● Dimensions: 90*17*17mm</li> </ul> |
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