

- **Model:** HXLBQ-DTA372X
- **Product Name:** Interdigital Band Pass Filter
- **Frequency:** 2.0~4.0GHz

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

**Technical Data Sheet**

Item	Parameters
● Center Frequency(F0)	3.0GHz
● Pass Band Frequency	2.0 ~ 4.0GHz
● Pass Band Insertion Loss	≤1.0dB
● Pass Band Ripple	≤0.6dB
● Pass Band VSWR	≤1.7:1
● Stop Band Attenuation	≥60dB @ DC ~ 1.65GHz      ≥60dB @ 4.35 ~ 6.2GHz
● Impedance	50 Ohms
● Power Handling	5.0W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	0.057 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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|-------------------|----------------------------------|--|
| ● <b>Material</b> | ● Housing: 6061 Aluminum alloy   | ● Connectors: H59 Copper, Plated ternary alloy |
|                   | ● Cover: LY12 Aluminum alloy     | ● Other screw: Stainless Steel                 |
|                   | ● Tuning screw: H62 Copper alloy | ● Dimensions: 68*32*11mm                       |

