

- **Model:** HXLBQ-DTA430X
- **Product Name:** Interdigital Band Pass Filter
- **Frequency:** 1.0~2.0GHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	1.5GHz
● Pass Band Frequency	1.0 ~ 2.0GHz
● Pass Band Insertion Loss	≤1.0dB
● Pass Band VSWR	≤1.5:1
● Stop Band Rejection	≥60dB @ DC ~ 0.8GHz ≥60dB @ 2.2 ~ 3.4GHz
● 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: ±0.3mm)

- **Material**
 - Housing: 6061 Aluminum alloy
 - Cover: LY12 Aluminum alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Other screw: Stainless Steel
 - Dimensions: 85*61*12mm

