

- **Model:** HXLBQ-DTA456X
- **Product Name:** Interdigital Band Pass Filter
- **Frequency:** 1650~2050MHz

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

### Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	1850MHz	
● Pass Band Frequency	1650 ~ 2050MHz	
● Pass Band Insertion Loss	≤1.5dB	
● Pass Band Ripple	≤0.7dB	
● Pass Band VSWR	≤1.5:1	
● Stop Band Rejection	≥70dB @ DC ~ 1450MHz	≥70dB @ 2250 ~ 3500MHz
● Impedance	50 Ohms	
● Power Handling	10W 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)

- |                   |                                  |                                |
|-------------------|----------------------------------|--------------------------------|
| ● <b>Material</b> | ● Housing: 6061 Aluminum alloy   | ● Connectors: Stainless Steel  |
|                   | ● Cover: LY12 Aluminum alloy     | ● Other screw: Stainless Steel |
|                   | ● Tuning screw: H62 Copper alloy | ● Dimensions: 80*54*10mm       |

