

- **Product Name:** LC Band Pass Filter
- **Model:** HXLBQ-DTA307LC
- **Frequency:** 175~225MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	200MHz
● Pass Band Bandwidth	50MHz (175 ~ 225MHz)
● Pass Band Insertion Loss	≤2.5dB
● Pass Band VSWR	≤1.5:1
● Stop Band Attenuation	≥40dB @ DC ~ 150MHz ≥40dB @ 282 ~ 500MHz
● Impedance	50 Ohms
● Power Handling	1.0W Max.
● Connectors	SMA-Female
● Surface Finish	Nickel Plating
● Temperature Range	-20°C ~ +60°C
● Net weight	0.025KG

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: Copper alloy
 - Connectors: H59 Copper, Plated ternary alloy
 - Cover: Copper alloy
 - Dimensions: 40*12*10mm

