

- **Product Name:** LC Band Pass Filter
- **Model:** HXLBQ-DTA195LC
- **Frequency:** 171.5~176.5MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency	174MHz
● Pass Band Frequency	5MHz (171.5 ~ 176.5MHz) (Design actual bandwidth: ≈35MHz)
● Pass Band Insertion Loss	≤3.0dB @ 171.5 ~ 176.5MHz
● Pass Band VSWR	≤1.5:1 @ 171.5 ~ 176.5MHz
● Stop Band Rejection	≥40dB @ DC ~ 138MHz ≥40dB @ 220 ~ 500MHz
● Impedance	50 Ohms
● Power Handling	1.0W Max.
● Connectors	SMA-Female
● Surface Finish	Chemical Nickel
● Temperature Range	-30°C ~ +70°C
● Net weight	0.025 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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|-------------------|-----------------------------|--|
| ◆ Material | ● Housing: H59 copper alloy | ● Connectors: H59 Copper, Plated ternary alloy |
| | ● Cover: H59 copper alloy | ● Dimensions: 40*12*10mm |

