

- **Product Name:** LC Band Pass Filter
- **Model:** HXLBQ-DTA176LC
- **Frequency:** 78~82MHz

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

**Technical Data Sheet**

Item	Parameters
● Center Frequency(F0)	80MHz
● Pass Band Frequency	78 ~ 82MHz
● Insertion Loss @ F0	≤5.0dB @ 80MHz
● Pass Band VSWR	≤1.5:1
● Stop Band Rejection	≥40dB @ DC ~ 70MHz      ≥40dB @ 90 ~ 180MHz
● Impedance	50 Ohms
● Power	1W Max.
● Connectors	SMA-Female
● Surface Finish	Chemical Nickel or Painted Black
● 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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|-------------------|-----------------------------|--|
| ◆ <b>Material</b> | ● Housing: H59 copper alloy | ● Connectors: H59 Copper, Plated ternary alloy |
|                   | ● Cover: H59 copper alloy   | ● Dimensions: 40*12*10mm                       |

