

- **Product Name:** LC Band Pass Filter
- **Model:** HXLBQ-DTA290LC
- **Frequency:** 27~33MHz

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

### Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	30MHz
● Pass Band Bandwidth	6.0MHz (27 ~ 33MHz)
● Pass Band Insertion Loss	≤2.0dB
● Pass Band Ripple	≤0.5dB
● Pass Band VSWR	≤1.5:1
● Stop Band Rejection	≥40dB @ DC ~ 21MHz      ≥40dB @ 41 ~ 100MHz
● Impedance	50 Ohms
● Power Handling	1.0W Max.
● Connectors	SMA-Female
● Surface Finish	Nickel Plating or Painted Black
● Temperature Range	-30°C ~ +70°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)

- |                   |                         |  |
|-------------------|-------------------------|--|
| ◆ <b>Material</b> | ● Housing: Copper alloy | ● Connectors: H59 Copper, Plated ternary alloy |
|                   | ● Cover: Copper alloy   | ● Dimensions: 40*12*10mm                       |

