

- **Product Name:** LC Band Pass Filter
- **Model:** HXLBQ-DTA827LC
- **Frequency:** 480~630MHz

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

**Technical Data Sheet**

Item	Parameters
● Center Frequency(F0)	555MHz
● 3.0dB Bandwidth	150MHz (480 ~ 630MHz) [Deviation: ±20MHz @ Temperature Range: +20°C ~ +30°C]
● Insertion Loss @ F0	≤1.5dB @ 555MHz
● VSWR	≤1.5:1 @ 505 ~ 605MHz
● Stop Band Rejection	≥40dB @ DC ~ 430MHz                      ≥40dB @ 685 ~ 1500MHz
● Impedance	50 Ohms
● Power Handling	10W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	0.043 KG

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)

- |                   |                                |                               |
|-------------------|--------------------------------|-------------------------------|
| ◆ <b>Material</b> | ● Housing: 6061 Aluminum alloy | ● Connectors: Stainless Steel |
|                   | ● Cover: LY12 Aluminum alloy   | ● Dimensions: 50*24*18mm      |

