

- **Product Name:** LC Band Pass Filter
- **Model:** HXLBQ-DTA826LC
- **Frequency:** 220~270MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	245MHz
● 3.0dB Bandwidth	50MHz (220 ~ 270MHz) [Deviation: ±10MHz @ Temperature Range: +20°C ~ +30°C]
● Insertion Loss @ F0	≤2.0dB @ 245MHz
● VSWR	≤1.5:1 @ 235 ~ 255MHz
● Stop Band Rejection	≥40dB @ DC ~ 200MHz ≥40dB @ 290 ~ 800MHz
● 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

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: 6061 Aluminum alloy | ● Connectors: Stainless Steel |
| | ● Cover: LY12 Aluminum alloy | ● Dimensions: 50*24*18mm |

