

- **Product Name:** LC Band Pass Filter
- **Model:** HXLBQ-DTA291LC
- **Frequency:** 254~275MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	264.5MHz
● Pass Band Frequency	254 ~ 275MHz
● Pass Band Insertion Loss	≤1.5dB
● Pass Band Ripple	≤0.3dB
● Pass Band VSWR	≤1.5:1
● Pass Band Group Delay	≤12ns
● Stop Band Attenuation	≥30dB @ DC ~ 205MHz ≥30dB @ 345 ~ 600MHz
● Impedance	50 Ohms
● Power Handling	1.0W Max.
● Connectors	Input: SMA-Male / Output: SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	TBD

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)

- | | | |
|-------------------|--------------------------------|--|
| ◆ Material | ● Housing: 6061 Aluminum alloy | ● Connectors: H59 Copper, Plated ternary alloy |
| | ● Cover: LY12 Aluminum alloy | ● Dimensions: 40*18*13mm |

