

- **Product Name:** LC Band Pass Filter
- **Model:** HXLBQ-DTA276LC
- **Frequency:** 47.5~52.5MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	50MHz
● 1.0dB Pass Band Bandwidth	5.0MHz (47.5 ~ 52.5MHz)
● Pass Band Insertion Loss	≤2.0dB
● Pass Band VSWR	≤1.5:1
● Stop Band Rejection	≥60dB @ DC ~ 33MHz ≥60dB @ 73 ~ 180MHz
● Impedance	50 Ohms
● Power Handling	15dBm Max.
● Connectors	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
 - Cover: LY12 Aluminum alloy
- Connectors: H59 Copper, Plated ternary alloy
 - Dimensions: 40*18*13mm

