

- **Product Name:** LC Band Pass Filter
- **Model:** HXLBQ-DTA266LC
- **Frequency:** 46~54MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	50MHz
● Pass Band Bandwidth	8.0MHz (46 ~ 54MHz)
● Pass Band Insertion Loss	≤2.0dB
● Pass Band VSWR	≤1.5:1
● Stop Band Attenuation	≥40dB @ DC ~ 36MHz ≥40dB @ 68 ~ 150MHz
● Impedance	50 Ohms
● Power Handling	2.0W 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: 50*18*13mm

