

- **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	
● Material	Housing: 6061 Aluminum alloy	Connectors: H59 Copper, Plated ternary alloy
	Cover: LY12 Aluminum alloy	Other screw: Stainless Steel
● Dimensions	40*18*13mm	
● Net weight	TBD	

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

