

- **Product Name:** LC Band Pass Filter
- **Model:** HXLBQ-DTA814LC
- **Frequency:** 150~200MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency (F0)	175MHz
● 3.0dB Bandwidth	50MHz (150 ~ 200MHz) [Deviation: $\pm 8.0\text{MHz}$ @ Temperature Range: $+20^{\circ}\text{C} \sim +30^{\circ}\text{C}$]
● Insertion Loss @ F0	$\leq 1.5\text{dB}$ @ 175MHz
● VSWR	$\leq 1.4:1$ @ 40MHz Bandwidth (155 ~ 195MHz)
● Stop Band Rejection	$\geq 40\text{dB}$ @ DC ~ 120MHz $\geq 40\text{dB}$ @ 250 ~ 800MHz
● Impedance	50 Ohms
● Power Handling	10W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	$-30^{\circ}\text{C} \sim +70^{\circ}\text{C}$
● Material	Housing: 6061 Aluminum alloy Connectors: Stainless Steel Cover: LY12 Aluminum alloy Other screw: Stainless Steel
● Dimensions	60*24*15mm
● Net weight	0.043 KG

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: $\pm 0.3\text{mm}$)

