

- **Product Name:** LC Band Pass Filter
- **Model:** HXLBQ-DTA1149LC
- **Frequency:** 100~110MHz

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

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	105MHz
● Pass Band Frequency	100 ~ 110MHz
● Pass Band Insertion Loss	≤2.0dB
● Pass Band Ripple	≤0.5dB
● Pass Band VSWR	≤1.4:1
● Stop Band Rejection	≥40dB @ DC ~ 75MHz      ≥60dB @ 140 ~ 500MHz
● Impedance	50 Ohms
● Power Handling	1.0W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	0.02 KG

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)

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|-------------------|--------------------------------|-------------------------------|
| ◆ <b>Material</b> | ● Housing: 6061 Aluminum alloy | ● Connectors: Stainless Steel |
|                   | ● Cover: LY12 Aluminum alloy   | ● Dimensions: 30*18*13mm      |

