

- **Model:** HXLBQ-DTA612
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 10.4~15.4GHz

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

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	12.9GHz
● Pass Band Frequency	10.4 ~ 15.4GHz
● Pass Band Insertion Loss	≤1.0dB
● Pass Band Ripple	≤0.5dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥80dB @ DC ~ 9.0GHz ≥60dB @ 9.0 ~ 9.4GHz ≥80dB @ 16.4 ~ 25GHz
● Impedance	50 Ohms
● Power Handling	5.0W 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: ±0.5mm)

- **Material**
  - Housing: H62 Copper alloy
  - Cover: H62 Copper alloy
  - Tuning screw: H62 Copper alloy
  - Connectors: Stainless Steel
  - Working Environment: Indoor
  - Dimensions: 90\*17\*14mm

