

- **Model:** HXLBQ-DTA374X
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 8.0~12GHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	10GHz
● Pass Band Frequency	8.0 ~ 12GHz
● Pass Band Insertion Loss	≤0.8dB
● Pass Band Ripple	≤0.45dB
● Pass Band Return Loss	≥18dB
● Stop Band Rejection	≥60dB @ DC ~ 7.1GHz ≥60dB @ 12.7 ~ 22GHz
● Impedance	50 Ohms
● Power Handling	5W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-40°C ~ +70°C
● Net weight	0.1KG

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: ±0.4mm)

- **Material**
 - Housing: H62 Copper alloy
 - Cover: H62 Copper alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Connectors: H59 Copper, Plated ternary alloy
 - Other screw: Stainless Steel
 - Dimensions: 90*18*9.5mm

