

- **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	-30°C ~ +70°C	
● Material	Housing: H62 Copper alloy Cover: H62 Copper alloy Tuning screw: H62 Copper alloy	Connectors: H59 Copper, Plated ternary alloy Other screw: Stainless Steel
● Dimensions	90*18*9.5mm	
● Net weight	TBD	

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

