

- **Model:** HXLBQ-DTA335X
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 4.0~6.0GHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	5.0GHz
● Pass Band Frequency	4.0 ~ 6.0GHz
● Pass Band Insertion Loss	≤1.0dB
● Pass Band Ripple	≤0.42dB
● Pass Band Return Loss	≥18dB
● Stop Band Rejection	≥50dB @ DC ~ 3.5GHz ≥80dB @ 6.5 ~ 14GHz
● Impedance	50 Ohms
● Power Handling	5W 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: ±0.3mm)

- **Material**
 - Housing: Copper alloy
 - Cover: Copper alloy
 - Tuning screw: Copper alloy
 - Connectors: Stainless Steel
 - Other screw: Stainless Steel
 - Dimensions: 90*19*16mm

