

- **Model:** HXLBQ-DTA435
- **Product Name:** Interdigital Band Pass Filter
- **Frequency:** 6.0~12GHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	9.0GHz
● Pass Band Frequency	6.0 ~ 12GHz
● Pass Band Insertion Loss	≤0.6dB
● Pass Band Ripple	≤0.3dB
● Pass Band Return Loss	≥14dB
● Stop Band Rejection	≥80dB @ DC ~ 4.0GHz ≥50dB @ 14 ~ 15GHz
● Impedance	50 Ohms
● Power	2W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +75°C
● Net weight	0.06 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: ±0.5mm)

- **Material**
 - Housing: H62 Copper alloy
 - Cover: H62 Copper alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Other screw: Stainless Steel
 - Dimensions: 53*24*9mm

