

- **Model:** HXLBQ-DTA581
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 40~60GHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	50GHz
● Pass Band Frequency	40 ~ 60GHz
● Pass Band Insertion Loss	≤1.3dB
● Pass Band Ripple	≤0.65dB
● Pass Band Return Loss	≥11dB (Typical: 13.5dB)
● Stop Band Rejection	≥80dB @ DC ~ 37.5GHz ≥10dB @ 61.5 ~ 66GHz ≥35dB @ 37.5 ~ 39GHz
● Impedance	50 Ohms
● Power Handling	5W Max.
● Connectors	1.85mm(V)-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	0.05 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
 - Working Environment: Indoor
 - Dimensions: 60*14*11mm

