

- **Model: HXLBQ-DTA582**
- **Product Name: Comb Band Pass Filter**
- **Frequency: 45~65GHz**
- ★ **High Stop Band Rejection**
- ★ **Low Pass Band Insertion Loss**
- ★ **Customizable Design**
- ★ **High Reliability**

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	55GHz
● Pass Band Frequency	45 ~ 65GHz
● Pass Band Insertion Loss	≤1.5dB @ 45 ~ 64GHz ≤1.8dB @ 64 ~ 65GHz
● Pass Band Ripple	≤0.8dB @ 45 ~ 64GHz ≤1.1dB @ 64 ~ 65GHz
● Pass Band Return Loss	≥11dB (Typical: 13.5dB)
● Stop Band Rejection	≥80dB @ DC ~ 42.5GHz ≥10dB @ 66.5 ~ 69.7GHz ≥30dB @ 42.5 ~ 44GHz
● 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

