

- **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 ≥30dB @ 42.5 ~ 44GHz	≥10dB @ 66.5 ~ 69.7GHz
● Impedance	50 Ohms	
● Power Handling	5W Max.	
● Connectors	1.85mm(V)-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30℃ ~ +70℃	
● Material	Housing: H62 Copper alloy Cover: H62 Copper alloy Tuning screw: H62 Copper alloy	Connectors: Stainless Steel Other screw: Stainless Steel
● Dimensions	60*14*8mm	
● Net weight	0.05 KG	
●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)		

