

- **Model: HXLBQ-DTA1093**
- **Product Name: Comb Band Pass Filter**
- **Frequency: 35~55GHz**

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	45GHz	
● Pass Band Frequency	35 ~ 55GHz **	
● Pass Band Insertion Loss	≤1.2dB	
● Pass Band Ripple	≤0.55dB	
● Pass Band Return Loss	≥12dB (Typical: ≥14dB)	
● Stop Band Rejection	≥80dB @ DC ~ 32.66GHz	≥14dB @ 56.25 ~ 57.1GHz
	≥50dB @ 32.66 ~ 33.56GHz	≥30dB @ 57.1 ~ 60GHz
● Impedance	50 Ohms	
● Power Handling	5W Max.	
● Connectors	1.85mm(V)-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Material	Housing: H62 Copper alloy	Connectors: Stainless Steel
	Cover: H62 Copper alloy	Other screw: Stainless Steel
	Tuning screw: H62 Copper alloy	
● Dimensions	60*14*7.5mm	
● Net weight	TBD	

** 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)

