

● **Model:** HXLBQ-DTA1022X

● **Product Name:** Comb Band Pass Filter

● **Frequency:** 30~45GHz

★ High Stop Band Rejection

★ Low Pass Band Insertion Loss

★ Customizable Design

★ High Reliability

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	37.5GHz	
● Pass Band Frequency	30 ~ 45GHz **	
● Pass Band Insertion Loss	≤1.1dB	
● Pass Band Ripple	≤0.48dB	
● Pass Band Return Loss	≥16dB (Typical: ≥18dB)	
● Stop Band Rejection	≥80dB @ DC ~ 27.78GHz	≥25dB @ 46 ~ 47.88GHz
	≥32dB @ 27.78 ~ 29GHz	≥80dB @ 47.88 ~ 59GHz
● Impedance	50 Ohms	
● Power Handling	5W Max.	
● Connectors	2.4mm(Q)-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30℃ ~ +70℃	
● Material	Housing: H62 Copper alloy	Connectors: Stainless Steel
	Cover: H62 Copper alloy	Other screw: Stainless Steel
	Tuning screw: H62 Copper alloy	
● Dimensions	60*14*7.6mm	
● 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)

