

- **Model: HXLBQ-DTA1065**
- **Product Name: Comb Band Pass Filter**
- **Frequency: 16.7~27.5GHz**

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	22.1GHz	
● Pass Band Frequency	16.7 ~ 27.5GHz **	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.56dB	
● Pass Band Return Loss	≥16dB (Typical: ≥18dB)	
● Stop Band Rejection	≥80dB @ DC ~ 14.55GHz	≥50dB @ 28.27 ~ 28.69GHz
	≥50dB @ 14.55 ~ 15.48GHz	≥80dB @ 28.69 ~ 45GHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	2.92mm(K)-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*16*8.2mm	
● 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)

