

- **Model:** HXLBQ-DTA1009
- **Product Name:** Interdigital Band Pass Filter
- **Frequency:** 5000~13000MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	9000MHz	
● Pass Band Frequency	5000 ~ 13000MHz **	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.6dB	
● Pass Band Return Loss	≥11dB	
● Stop Band Rejection	≥40dB @ DC ~ 4000MHz	≥30dB @ 14000 ~ 15500MHz
● Impedance	50 Ohms	
● Power Handling	2.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Material	Housing: H62 Copper alloy Cover: H62 Copper alloy Tuning screw: H62 Copper alloy	Connectors: Stainless Steel Other screw: Stainless Steel
● Dimensions	78*19*12.5mm	
● 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)

