

- **Model:** HXLBQ-DTA541
- **Product Name:** Interdigital Band Pass Filter
- **Frequency:** 1.4~2.5GHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	1.95GHz	
● Pass Band Frequency	1.4 ~ 2.5GHz	
● Pass Band Insertion Loss	≤1.5dB	
● Pass Band Ripple	≤0.8dB	
● Pass Band Return Loss	≥14dB	
● Stop Band Rejection	≥50dB @ DC ~ 1.15GHz	≥30dB @ 2.65 ~ 2.75GHz
	≥30dB @ 1.15 ~ 1.25GHz	≥50dB @ 2.75 ~ 5.0GHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30℃ ~ +70℃	
● Material	Housing: 6061 Aluminum alloy	Connectors: Stainless Steel
	Cover: LY12 Aluminum alloy	Other screw: Stainless Steel
	Tuning screw: H62 Copper alloy	
● Dimensions	75*42*11mm	
● Net weight	TBD	
●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)		

