

- **Model:** HXLBQ-DTA382X
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 550~650MHz

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

Technical Data Sheet

Item	Parameters	
• Center Frequency(F0)	600MHz	
• Pass Band Frequency	550 ~ 650MHz	
• Pass Band Insertion Loss	≤1.0dB	
• Pass Band Ripple	≤0.5dB	
• Pass Band Return Loss	≥20dB	
• Stop Band Rejection	≥40dB @ DC ~ 500MHz	≥40dB @ 700 ~ 1500MHz
• Impedance	50 Ohms	
• Power Handling	30W Max.	
• Connectors	N-Female	
• Surface Finish	Painted Black	
• Temperature Range	-30°C ~ +70°C	
• Material	Housing: 6061 Aluminum alloy Resonant column: H59 Copper alloy Cover: LY12 Aluminum alloy Connectors: H59 Copper, Plated ternary alloy Tuning screw: H62 Copper alloy Other screw: Stainless Steel	
• Dimensions	208*70*35mm	
• Net weight	TBD	

•Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)

