

- **Model: HXLBQ-DTA1071**
- **Product Name: Comb Band Pass Filter**
- **Frequency: 5000~11000MHz**

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	8000MHz	
● Pass Band Frequency	5000 ~ 11000MHz **	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.7dB	
● Pass Band Return Loss	≥15dB	
● Stop Band Rejection	≥80dB @ DC ~ 3200MHz ≥40dB @ 11250 ~ 13000MHz ≥40dB @ 3200 ~ 4300MHz	
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-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	120*29*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)

