

- **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°C ~ +70°C
● Net weight	TBD

Note: 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: ±0.5mm)

- |                   |                                  |                               |
|-------------------|----------------------------------|-------------------------------|
| ◆ <b>Material</b> | ● Housing: H62 Copper alloy      | ● Connectors: Stainless Steel |
|                   | ● Cover: H62 Copper alloy        | ● Working Environment: Indoor |
|                   | ● Tuning screw: H62 Copper alloy | ● Dimensions: 120*29*15.5mm   |

