

- **Model:** HXLBQ-DTA1069
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 6.0~10GHz

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

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	8.0GHz
● Pass Band Frequency	6.0 ~ 10GHz
● Pass Band Insertion Loss	≤1.0dB
● Pass Band Ripple	≤0.5dB
● Pass Band Return Loss	≥17dB
● Stop Band Rejection	≥80dB @ DC ~ 4.8GHz ≥60dB @ 4.8 ~ 5.2GHz
	≥60dB @ 10.4 ~ 10.5GHz ≥80dB @ 10.5 ~ 16GHz
● 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: ±0.3mm)

- **Material**
 - Housing: H62 Copper alloy
 - Cover: H62 Copper alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Other screw: Stainless Steel
 - Dimensions: 110*21*11mm

