

- **Model: HXLBQ-DTA418**
- **Product Name: Comb Band Pass Filter**
- **Frequency: 3550~4500MHz**

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	4025MHz	
● Pass Band Frequency	3550 ~ 4500MHz	
● Pass Band Insertion Loss	≤2.0dB	
● Pass Band Ripple	≤1.0dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥80dB @ DC ~ 3280MHz ≥30dB @ 3280 ~ 3450MHz	≥35dB @ 4600 ~ 4690GHz ≥80dB @ 4690 ~ 9000MHz
● Impedance	50 Ohms	
● Power	5W 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)

- **Material**
 - Housing: H62 Copper alloy
 - Cover: H62 Copper alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Other screw: Stainless Steel
 - Dimensions: 140*18*19mm

