

- **Model: HXLBQ-DTA888**
- **Product Name: Comb Band Pass Filter**
- **Frequency: 2.5~3.5GHz**
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

### Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	3.0GHz	
● Pass Band Bandwidth	±0.5GHz (2.5 ~ 3.5GHz)	
● Pass Band Insertion Loss	≤0.6dB	
● Pass Band Ripple	≤0.3dB	
● Pass Band VSWR	≤1.15:1	
● Stop Band Rejection	≥80dB @ DC ~ 1.1GHz	≥40dB @ 3.75 ~ 4.0GHz
	≥40dB @ 1.1 ~ 2.0GHz	≥80dB @ 4.0 ~ 9.0GHz
● Impedance	50 Ohms	
● Power Handling	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	0.194 KG	

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      | ● Connectors: Stainless Steel |
|            | ● Cover: H62 Copper alloy        | ● Working Environment: Indoor |
|            | ● Tuning screw: H62 Copper alloy | ● Dimensions: 90*22*22.5mm    |

