

- **Model: HXLBQ-DTA1251**
- **Product Name: Comb Band Pass Filter**
- **Frequency: 2350~3650MHz**
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

### Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	3000MHz	
● Pass Band Frequency	2350 ~ 3650MHz	
● Pass Band Insertion Loss	≤0.8dB	
● Pass Band Ripple	≤0.5dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥80dB @ DC ~ 1500MHz ≥50dB @ 1500 ~ 1900MHz	≥80dB @ 4000 ~ 9000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Dimensions	110*24*20mm	
● 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)

- |                   |                                  |                                |
|-------------------|----------------------------------|--------------------------------|
| ◆ <b>Material</b> | ● Housing: 6061 Aluminum alloy   | ● Connectors: Stainless Steel  |
|                   | ● Cover: LY12 Aluminum alloy     | ● Other screw: Stainless Steel |
|                   | ● Tuning screw: H62 Copper alloy |                                |

