

- **Model: HXLBQ-DTA874**
- **Product Name: Comb Band Pass Filter**
- **Frequency: 2500~3000MHz**
- ★ **High Stop Band Rejection**
- ★ **Low Pass Band Insertion Loss**
- ★ **Customizable Design**
- ★ **High Reliability**

Technical Data Sheet							
Item	Parameters						
● Center Frequency(F0)	2750MHz						
● Pass Band Bandwidth	500MHz (2500 ~ 3000MHz)						
● Pass Band Insertion Loss	≤1.1dB						
● Pass Band Ripple	≤0.7dB						
● Pass Band VSWR	≤1.15:1						
● Stop Band Rejection	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">≥80dB @ DC ~ 2350MHz</td> <td style="width: 50%; border: none;">≥40dB @ 3050 ~ 3100MHz</td> </tr> <tr> <td style="border: none;">≥65dB @ 2350 ~ 2400MHz</td> <td style="border: none;">≥80dB @ 3100 ~ 9000MHz</td> </tr> <tr> <td style="border: none;">≥30dB @ 2400 ~ 2450MHz</td> <td style="border: none;"></td> </tr> </table>	≥80dB @ DC ~ 2350MHz	≥40dB @ 3050 ~ 3100MHz	≥65dB @ 2350 ~ 2400MHz	≥80dB @ 3100 ~ 9000MHz	≥30dB @ 2400 ~ 2450MHz	
≥80dB @ DC ~ 2350MHz	≥40dB @ 3050 ~ 3100MHz						
≥65dB @ 2350 ~ 2400MHz	≥80dB @ 3100 ~ 9000MHz						
≥30dB @ 2400 ~ 2450MHz							
● Impedance	50 Ohms						
● Power Handling	5W Max.						
● Connectors	SMA-Female						
● Surface Finish	Painted Black						
● Temperature Range	-30°C ~ +70°C						
● Net weight	0.15 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)

- |                   |                                  |                               |
|-------------------|----------------------------------|-------------------------------|
| ◆ <b>Material</b> | ● Housing: 6061 Aluminum alloy   | ● Connectors: Stainless Steel |
|                   | ● Cover: LY12 Aluminum alloy     | ● Working Environment: Indoor |
|                   | ● Tuning screw: H62 Copper alloy | ● Dimensions: 180*21*24mm     |

