

- **Model:** HXLBQ-DTA425
- **Product Name:** Interdigital 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	≤1.5dB
● Pass Band Ripple	≤0.8dB
● Pass Band VSWR	≤1.5:1
● Stop Band Rejection	≥35dB @ DC ~ 2400MHz      ≥35dB @ 3100 ~ 5000MHz
● Impedance	50 Ohms
● Power Handling	2W 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)

- |                   |                                  |                                |
|-------------------|----------------------------------|--------------------------------|
| ● <b>Material</b> | ● Housing: 6061 Aluminum alloy   | ● Connectors: Stainless Steel  |
|                   | ● Cover: LY12 Aluminum alloy     | ● Other screw: Stainless Steel |
|                   | ● Tuning screw: H62 Copper alloy | ● Dimensions: 80*42*10mm       |

