



- **Model:** HXLBQ-DTA875
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 3700~4200MHz

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

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	3950MHz
● Pass Band Frequency	3700 ~ 4200MHz
● Pass Band Insertion Loss	≤1.4dB
● Pass Band Ripple	≤0.8dB
● Pass Band VSWR	≤1.15:1
● Stop Band Rejection	≥80dB @ DC ~ 3550MHz ≥80dB @ 4350 ~ 13000MHz
● Impedance	50 Ohms
● Power Handling	5.0W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	0.14 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: ±0.3mm)

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|-------------------|----------------------------------|--------------------------------|
| ● Material | ● Housing: H62 Copper alloy | ● Connectors: Stainless Steel |
| | ● Cover: H62 Copper alloy | ● Other screw: Stainless Steel |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 160*21*15mm |

