

- **Model:** HXLBQ-DTA1087
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 3800~4200MHz
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	4000MHz
● Pass Band Bandwidth	400MHz (3800 ~ 4200MHz)
● Pass Band Insertion Loss	≤0.6dB
● Pass Band Ripple	≤0.2dB
● Pass Band Return Loss	≥23dB
● Stop Band Rejection	≥80dB @ DC ~ 3000MHz ≥80dB @ 4800 ~ 9000MHz
● Impedance	50 Ohms
● Power Handling	10W 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: ±0.5mm)

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| ◆ Material | ● Housing: H62 Copper alloy | ● Connectors: Stainless Steel |
| | ● Cover: H62 Copper alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 80*21*19mm |

