

- **Model:** HXLBQ-DTA478
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 2900~3100MHz

- ★ 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	2900 ~ 3100MHz
● Pass Band Insertion Loss	≤1.5dB
● Pass Band Ripple	≤0.6dB
● Pass Band VSWR	≤1.22:1
● Stop Band Rejection	≥50dB @ DC ~ 2750MHz ≥50dB @ 3250 ~ 8000MHz
● Impedance	50 Ohms
● Power	5.0W 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)

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|-------------------|----------------------------------|-------------------------------|
| ● Material | ● Housing: 6061 Aluminum alloy | ● Connectors: Stainless Steel |
| | ● Cover: LY12 Aluminum alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 100*20*20mm |

