

- **Model: HXLBQ-DTA752**
- **Product Name: Dot Frequency Cavity Filter**
- **Frequency: 1000MHz**

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

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	1000MHz
● Design Bandwidth	About: 6.0MHz
● Insertion Loss @ F0	≤2.5dB @ 1000MHz
● Return Loss @ F0	≥20dB @ 1000MHz
● Stop Band Attenuation	≥60dB @ DC ~ 990MHz ≥60dB @ 1010 ~ 3000MHz
● Impedance	50 Ohms
● Power	20W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	0°C ~ +50°C
● Net weight	0.315 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: 6061 Aluminum alloy | ● Connectors: Stainless Steel |
| | ● Cover: LY12 Aluminum alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 95*65*38mm |

