

- **Model:** HXLBQ-DTA1161
- **Product Name:** Dot Frequency Cavity Filter
- **Frequency:** 993~1007MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	1000MHz
● 3.0dB Bandwidth	14MHz Max. (993 ~ 1007MHz Max.)
● Insertion Loss @ F0	≤1.7dB @ 1000MHz (Typical: 1.5dB)
● Return Loss @ F0	≥18dB @ 1000MHz
● Stop Band Rejection	≥40dB @ DC ~ 980MHz ≥40dB @ 1020 ~ 3000MHz
● Impedance	50 Ohms
● Power	20W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	+10°C ~ +30°C
● Dimensions	95*65*31mm
● Net weight	0.32 KG

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)

- **Material**
 - Housing: 6061 Aluminum alloy
 - Cover: LY12 Aluminum alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Other screw: Stainless Steel
 - Resonant column: H59 Copper alloy

