

- **Model:** HXLBQ-DTA498
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 1020~1040MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	1030MHz
● 3.0dB Bandwidth	20MHz (1020 ~ 1040MHz)
● Insertion Loss @ F0	≤1.5dB @ 1030MHz
● Return Loss	≥20dB @ 1026 ~ 1034MHz
● Stop Band Rejection	≥50dB @ DC ~ 970MHz ≥50dB @ 1090 ~ 3000MHz
● Impedance	50 Ohms
● Power	30W CW
● Connectors	N-Male / N-Female
● Surface Finish	Painted Black
● Temperature Range	-10°C ~ +50°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)

- **Material**
 - Housing: 6061 Aluminum alloy
 - Cover: LY12 Aluminum alloy
 - Tuning screw: H62 Copper alloy
- Connectors: Stainless Steel
- Working Environment: Indoor
- Dimensions: 97*52*25mm

