

- **Model:** HXLBQ-DTA1296
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 1884~1900MHz

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

**Technical Data Sheet**

Item	Parameters
● Center Frequency(F0)	1892MHz
● Pass Band Frequency	1884 ~ 1900MHz
● Pass Band Insertion Loss	≤3.5dB
● Pass Band Ripple	≤1.8dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥30dB @ DC ~ 1879MHz      ≥30dB @ 1905 ~ 5000MHz
● Impedance	50 Ohms
● Power Handling	20W Max.
● Connectors	N-Female
● Surface Finish	Painted Black
● Temperature Range	+10°C ~ +40°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: H59 Copper, Plated ternary alloy
- Other screw: Stainless Steel
- Dimensions: 84\*84\*33mm

