

- **Model: HXLBQ-DTA442**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 1850~1910MHz**
- ★ **High Stop Band Rejection**
- ★ **Low Pass Band Insertion Loss**
- ★ **Customizable Design**
- ★ **High Reliability**

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	1880MHz
● Pass Band Frequency	1850 ~ 1910MHz
● Pass Band Insertion Loss	≤2.0dB
● Pass Band Ripple	≤1.2dB
● Pass Band VSWR	≤1.22:1
● Stop Band Rejection	≥40dB @ DC ~ 1840MHz      ≥40dB @ 1920 ~ 4000MHz
● Impedance	50 Ohms
● Power	20W 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)

- **Material**
  - Housing: 6061 Aluminum alloy
  - Cover: LY12 Aluminum alloy
  - Tuning screw: H62 Copper alloy
  - Connectors: Stainless Steel
  - Other screw: Stainless Steel
  - Dimensions: 92\*92\*33mm

