

- **Model: HXLBQ-DTA863**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 1700~2100MHz**
- ★ **High Stop Band Rejection**
- ★ **Low Pass Band Insertion Loss**
- ★ **Customizable Design**
- ★ **High Reliability**

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	1900MHz
● Pass Band Frequency	1700 ~ 2100MHz
● Pass Band Insertion Loss	≤1.0dB
● Pass Band Ripple	≤0.5dB
● Pass Band Return Loss	≥23dB
● Stop Band Rejection	≥80dB @ DC ~ 1370MHz      ≥75dB @ 2300 ~ 2320MHz ≥50dB @ 1370 ~ 1500MHz      ≥80dB @ 2320 ~ 6000MHz
● Impedance	50 Ohms
● Power	10W 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
  - Connectors: Stainless Steel
  - Cover: LY12 Aluminum alloy
  - Working Environment: Indoor
  - Tuning screw: H62 Copper alloy
  - Dimensions: 120\*25\*26mm

