

- **Model:** HXLBQ-DTA303
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 3.55~3.65GHz

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

### Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	3.6GHz
● Pass Band Bandwidth	100MHz (3.55 ~ 3.65GHz)
● Pass Band Insertion Loss	≤0.8dB
● Pass Band Ripple	≤0.2dB
● Pass Band VSWR	≤1.3:1
● Stop Band Rejection	≥60dB @ DC ~ 2.5GHz      ≥60dB @ 4.7 ~ 7.5GHz
● 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: H59 Copper, Plated ternary alloy
  - Other screw: Stainless Steel
  - Dimensions: 60\*23\*24mm

