

- **Model: HXLBQ-DTA257**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 2300~2400MHz**
- ★ **High Stop Band Rejection**
- ★ **Low Pass Band Insertion Loss**
- ★ **Customizable Design**
- ★ **High Reliability**

**Technical Data Sheet**

Item	Parameters
● Center Frequency(F0)	2350MHz
● Pass Band Frequency	2300 ~ 2400MHz
● Pass Band Insertion Loss	≤1.0dB
● Pass Band VSWR	≤1.3:1
● Stop Band Rejection	≥50dB @ Fc±80MHz (DC ~ 2220MHz , 2480 ~ 5000MHz)
● Impedance	50 Ohms
● Power Handling	20W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Dimensions	151*28*25mm
● Net weight	0.17KG

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: ±0.3mm)

- **Material**
  - Housing: 6061 Aluminum alloy
  - Cover: LY12 Aluminum alloy
  - Tuning screw: H62 Copper alloy
  - Connectors: H59 Copper, Plated ternary alloy
  - Other screw: Stainless Steel
  - Resonant column: H59 Copper alloy

