

- **Model: HXLBQ-DTA702**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 1400~1427MHz**
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	1413.5MHz
● Pass Band Frequency	1400 ~ 1427MHz
● Pass Band Insertion Loss	≤1.7dB
● Pass Band Ripple	≤0.6dB
● Pass Band Return Loss	≥23dB
● Stop Band Rejection	≥50dB @ DC ~ 1375MHz ≥50dB @ 1452 ~ 3500MHz
● Impedance	50 Ohms
● Power Handling	200W Max.
● Connectors	N-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
 - Working Environment: Indoor
 - Dimensions: 180*53*26mm

