

- **Model:** HXLBQ-DTA705
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 2400~2410MHz
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	2405MHz
● Pass Band Frequency	2400 ~ 2410MHz
● Pass Band Insertion Loss	≤0.7dB
● Pass Band Ripple	≤0.15dB
● Pass Band Return Loss	≥23dB
● Stop Band Rejection	≥40dB @ DC ~ 2350MHz ≥40dB @ 2460 ~ 6000MHz
● Impedance	50 Ohms
● Power Handling	20W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-20°C ~ +60°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
 - Working Environment: Indoor
 - Dimensions: 63*63*28mm

