

- **Model: HXLBQ-DTA345**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 2515~2615MHz**

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	2565MHz
● Pass Band Frequency	2515 ~ 2615MHz
● Pass Band Insertion Loss	≤1.5dB
● Pass Band Ripple	≤1.0dB
● Pass Band Return Loss	≥20dB
● Stop Band Attenuation	≥40dB @ DC ~ 2500MHz ≥40dB @ 2630 ~ 5000MHz
● Impedance	50 Ohms
● Power Handling	30W 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: 92*92*28mm

