

- **Model:** HXLBQ-DTA318
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 24250~27500MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	25875MHz
● Pass Band Frequency	24250 ~ 27500MHz
● Pass Band Insertion Loss	≤2.2dB
● Pass Band Return Loss	≥17dB
● Stop Band Attenuation	≥60dB @ F0±2000MHz (DC ~ 23875MHz , 27875 ~ 47500MHz)
● Impedance	50 Ohms
● Power Handling	5W Max.
● Connectors	2.92mm(K)-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	0.095 KG

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: H62 Copper alloy
 - Cover: H62 Copper alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Other screw: Stainless Steel
 - Dimensions: 100*16*11.5mm

