

- **Model:** HXLBQ-DTA652
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 9300~9500MHz

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

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	9400MHz
● Pass Band Frequency	9300 ~ 9500MHz
● Pass Band Insertion Loss	≤1.0dB
● Pass Band Ripple	≤0.17dB
● Pass Band Return Loss	≥23dB
● Stop Band Rejection	≥80dB @ DC ~ 8950MHz ≥50dB @ 9700 ~ 9850MHz ≥50dB @ 8950 ~ 9100MHz ≥80dB @ 9850 ~ 21000MHz
● Impedance	50 Ohms
● Power Handling	5.0W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Dimensions	100*18*9mm
● 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: ±0.4mm)

- **Material**
 - Housing: H62 Copper alloy
 - Cover: H62 Copper alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Other screw: Stainless Steel

