

- **Model:** HXLBQ-DTA1264
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 28~32GHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	30000MHz
● Pass Band Frequency	28000 ~ 32000MHz
● Pass Band Insertion Loss	≤1.2dB
● Pass Band Ripple	≤0.5dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥80dB @ DC ~ 26600MHz ≥80dB @ 33400 ~ 48000MHz
● Impedance	50 Ohms
● Power Handling	5.0W Max.
● Connectors	2.92mm(K)-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Dimensions	60*16*8.5mm
● 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: ±0.3mm)

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

