

- **Model:** HXLBQ-DTA766
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 29800~30400MHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	30100MHz	
● Pass Band Bandwidth	±300MHz (29800 ~ 30400MHz) **	
● Pass Band Insertion Loss	≤1.5dB	
● Pass Band Ripple	≤0.5dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥80dB @ DC ~ 29000MHz ≥60dB @ 29000 ~ 29200MHz	≥60dB @ 31000 ~ 31200MHz ≥80dB @ 31200 ~ 46000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	2.92mm(K)-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Material	Housing: H62 Copper alloy Cover: H62 Copper alloy Tuning screw: H62 Copper alloy	Connectors: Stainless Steel Other screw: Stainless Steel
● Dimensions	60*16*8mm	
● Net weight	0.06 KG	

** 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)

