

- **Model:** HXLBQ-DTA165
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 8.975~9.025GHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	9.0GHz
● Pass Band Frequency	8.975 ~ 9.025GHz
● Pass Band Insertion Loss	≤2.0dB
● Pass Band VSWR	≤1.3:1
● Stop Band Attenuation	≥45dB @ Fc±150MHz (DC ~ 8.825GHz , 9.175 ~ 18GHz)
● Impedance	50 Ohms
● Power Handling	5W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-20°C ~ +60°C
● Net weight	0.15KG

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)

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| ● Material | ● Housing: H62 Copper alloy | ● Connectors: H59 Copper, Plated ternary alloy |
| | ● Cover: H62 Copper alloy | ● Other screw: Stainless Steel |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 73*39*13mm |

