

- **Model:** HXLBQ-DTA1316
- **Product Name:** Band Pass Filter
- **Frequency:** 1.0~1.5GHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	1.25GHz	
● Pass Band Frequency	1.0 ~ 1.5GHz	
● Pass Band Insertion Loss	≤1.0dB @ 1.0 ~ 1.5GHz	
● Pass Band Ripple	≤0.6dB	
● Pass Band Return Loss	≥14dB	
● Stop Band Rejection	≥70dB @ DC ~ 0.9GHz	≥70dB @ 1.6 ~ 2.3GHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-40°C ~ +70°C	
● Net weight	0.17 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)

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| ◆ Material | ● Housing: 6061 Aluminum alloy | ● Connectors: Stainless Steel |
| | ● Cover: LY12 Aluminum alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 128*74*12mm |

