

- **Model:** HXLBQ-DTA1415
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 1089~1091MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	1090MHz	
● Pass Band Frequency	1089 ~ 1091MHz	
● Pass Band Insertion Loss	≤2.5dB	
● Pass Band Ripple	≤0.3dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥60dB @ DC ~ 1067MHz	≥20dB @ 1097 ~ 1113MHz
	≥20dB @ 1067 ~ 1083MHz	≥60dB @ 1113 ~ 2500MHz
● Impedance	50 Ohms	
● Power	CW: 50W Max.	Peak: 500W (Duty factor 10%)
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	0°C ~ +50°C	
● 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: ±0.5mm)

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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: 122*83*39mm |

