

- **Model:** HXLBQ-DTA1279
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 2200~2300MHz

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

### Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	2250MHz	
● Pass Band Frequency	2200 ~ 2300MHz	
● Pass Band Insertion Loss	≤0.8dB	
● Pass Band Ripple	≤0.5dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥70dB @ DC ~ 2120MHz	≥70dB @ 2380 ~ 4000MHz
● Impedance	50 Ohms	
● Power Handling	20W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°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: ±0.4mm)

- |                   |                              |                                |
|-------------------|------------------------------|--------------------------------|
| ◆ <b>Material</b> | ● Housing: Aluminum alloy    | ● Connectors: Stainless Steel  |
|                   | ● Cover: Aluminum alloy      | ● Other screw: Stainless Steel |
|                   | ● Tuning screw: Copper alloy | ● Dimensions: 120*62*33mm      |

