

- **Model: HXLBQ-DTA873**
- **Product Name: Interdigital Band Pass Filter**
- **Frequency: 950~1450MHz**
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	1200MHz	
● Pass Band Bandwidth	500MHz (950 ~ 1450MHz)	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.6dB	
● Pass Band VSWR	≤1.6:1	
● Stop Band Rejection	≥80dB @ DC ~ 850MHz	≥30dB @ 1500 ~ 1550MHz
	≥35dB @ 850 ~ 900MHz	≥80dB @ 1550 ~ 2400MHz
● Impedance	50 Ohms	
● Power Handling	2W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°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 |

