

- **Model:** HXLBQ-DTA484
- **Product Name:** Interdigital Band Pass Filter
- **Frequency:** 2300~3300MHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	2800MHz	
● Pass Band Bandwidth	1000MHz (2300 ~ 3300MHz)	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.5dB	
● Pass Band VSWR	≤1.5:1	
● Stop Band Rejection	≥65dB @ DC ~ 1700MHz ≥30dB @ 1700 ~ 2050MHz	≥30dB @ 3550 ~ 3800MHz ≥65dB @ 3800 ~ 7500MHz ≥35dB @ 7500 ~ 9000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W 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: ±0.5mm)

- **Material**
 - Housing: 6061 Aluminum alloy
 - Cover: LY12 Aluminum alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Working Environment: Indoor
 - Dimensions: 80*35*15mm

