

- **Model: HXLBQ-DTA1286**
- **Product Name: Interdigital Band Pass Filter**
- **Frequency: 1050~1650MHz**
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	1350MHz	
● Pass Band Frequency	1050 ~ 1650MHz	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.5dB	
● Pass Band Return Loss	≥14dB	
● Pass Band Group Delay	≤18ns	
● Stop Band Rejection	≥50dB @ DC ~ 950MHz	≥50dB @ 1750~ 3000MHz
● 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: ±0.5mm)

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|-------------------|----------------------------------|--------------------------------|
| ◆ Material | ● Housing: 6061 Aluminum alloy | ● Connectors: Stainless Steel |
| | ● Cover: LY12 Aluminum alloy | ● Other screw: Stainless Steel |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 97*67*11.5mm |

