



- **Model:** HXLBQ-DTA228
- **Product Name:** Interdigital Band Pass Filter
- **Frequency:** 4.0~6.0GHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	5.0GHz
● 3.0dB Pass Band Frequency	≈4.0~6.0GHz
● 1.0dB Pass Band Frequency	4.2~5.7GHz
● Pass Band Insertion Loss	≤1.0dB
● Pass Band VSWR	≤1.7:1
● Stop Band Rejection	≥45dB @ DC~3.4GHz ≥10dB @ 3.8GHz & 6.2GHz ≥45dB @ 6.9~9.5GHz ≥60dB @ 3.5GHz & 6.5GHz
● Impedance	50 ohms
● Power Handling	≤15W
● Connectors	SMA-Female
● Surface Finish	Black Paint
● Net Weight	TBD
● Dimensions	66*23*8mm

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)

