

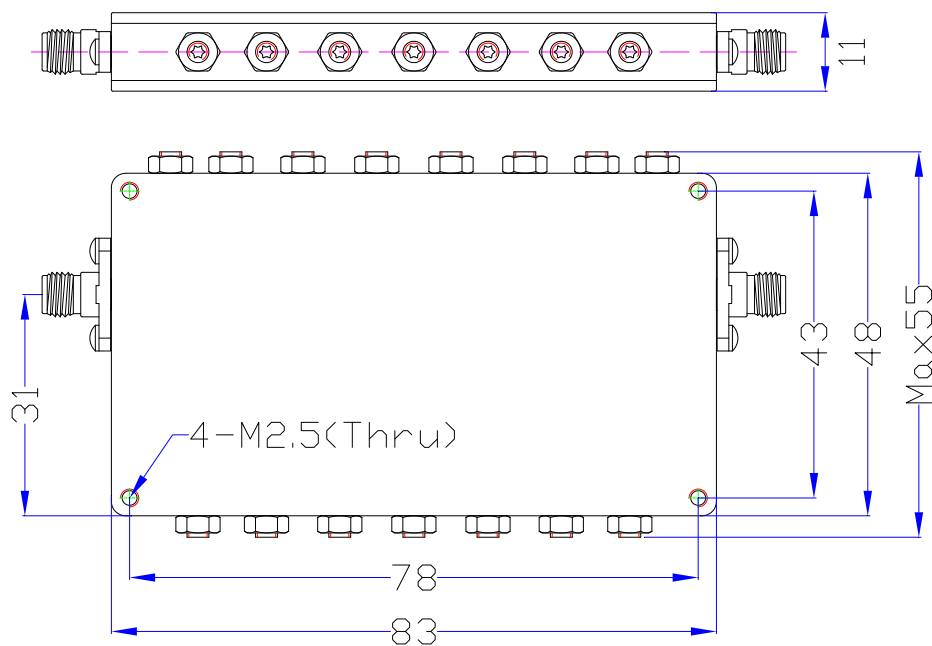
HXLBQ-DTA851

Interdigital Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	1800MHz
2	Pass Band Frequency	1400 ~ 2200MHz **
3	Pass Band Insertion Loss	≤1.5dB
4	Pass Band Ripple	≤1.0dB
5	Pass Band Return Loss	≥14dB
6	Stop Band Rejection	≥40dB @ DC ~ 1250MHz ≥40dB @ 2350 ~ 4000MHz
7	Impedance	50 Ohms
8	Power Handling	5.0W Max.
9	Connectors	SMA-Female
10	Surface Finish	Painted Black
11	Temperature Range	-30℃ ~ +70℃
12	Material	Housing: 6061 Aluminum alloy Connectors: Stainless Steel Cover: LY12 Aluminum alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy
13	Dimensions	83*48*11mm
14	Net weight	TBD

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.4mm)



** The actual design bandwidth will be greater than the Pass Band Frequency, and there is no bandwidth limit.