- **Model：HXLBQ-DTA144**
- **Product Name：Interdigital Band Pass Filter**
- **Frequency：12~18GHz**

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

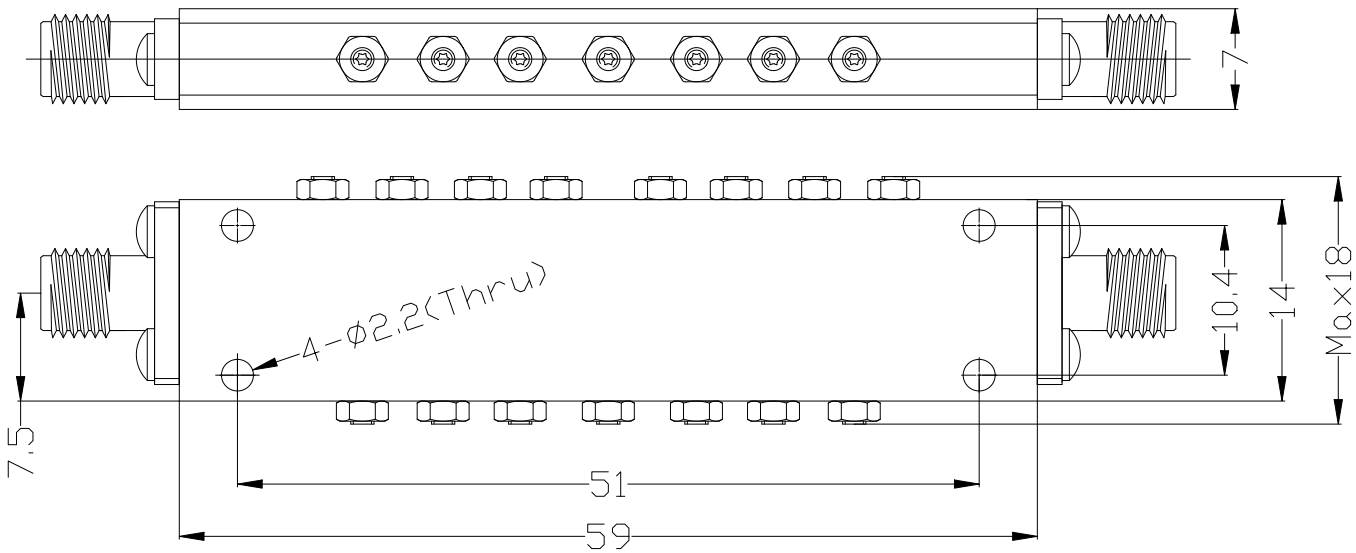
Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	15GHz
● Pass Band Frequency	12 ~ 18GHz
● Pass Band Insertion Loss	≤1.5dB
● Pass Band VSWR	≤1.7:1
● Stop Band Rejection	≥40dB @ DC ~ 10GHz ≥40dB @ 20 ~ 23GHz
● Impedance	50 Ohms
● Power	5W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30℃ ~ +70℃
● 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: H62 Copper alloy
- ●Cover: H62 Copper alloy
- ●Tuning screw: H62 Copper alloy
- ●Connectors: H59 Copper, Plated ternary alloy
- ●Other screw: Stainless Steel
- ●Dimensions:59*18*7mm



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