- **Model：HXLBQ-DTA830X**
- **Product Name：Cavity Band Pass Filter**
- **Frequency：5000~6000MHz**

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

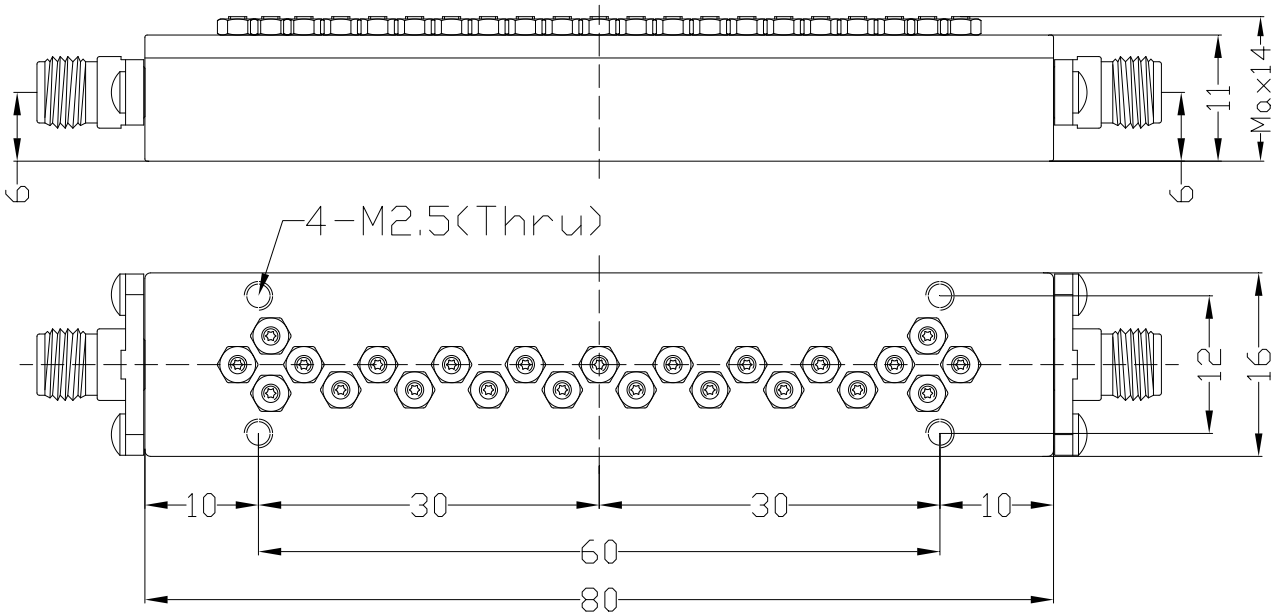
Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	5500MHz	
● 3.0dB Bandwidth	1000MHz (5000 ~ 6000MHz) [Deviation: ±50MHz @ Temperature Range: +20℃ ~ +30℃]	
● Insertion Loss @ F0	≤1.0dB @ 5500MHz	
● Return Loss	≥23dB @ 5100 ~ 5900MHz	
● Stop Band Rejection	≥80dB @ DC ~ 4450MHz ≥40dB @ 4450 ~ 4810MHz	≥40dB @ 6180 ~ 6550MHz ≥80dB @ 6550 ~ 14000MHz ≥40dB @ 14000 ~ 16500MHz
● Impedance	50 Ohms	
● Power Handling	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30℃ ~ +70℃	
● Net weight	TBD	

●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)

◆Material

- ●Housing: H62 Copper alloy
- ●Cover: H62 Copper alloy
- ●Tuning screw: H62 Copper alloy
- ●Connectors: Stainless Steel
- ●Working Environment: Indoor
- ●Dimensions: 80*16*14mm



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