- **Model：HXLBQ-DTA710**
- **Product Name：Cavity Band Pass Filter**
- **Frequency：8452~8512MHz**

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

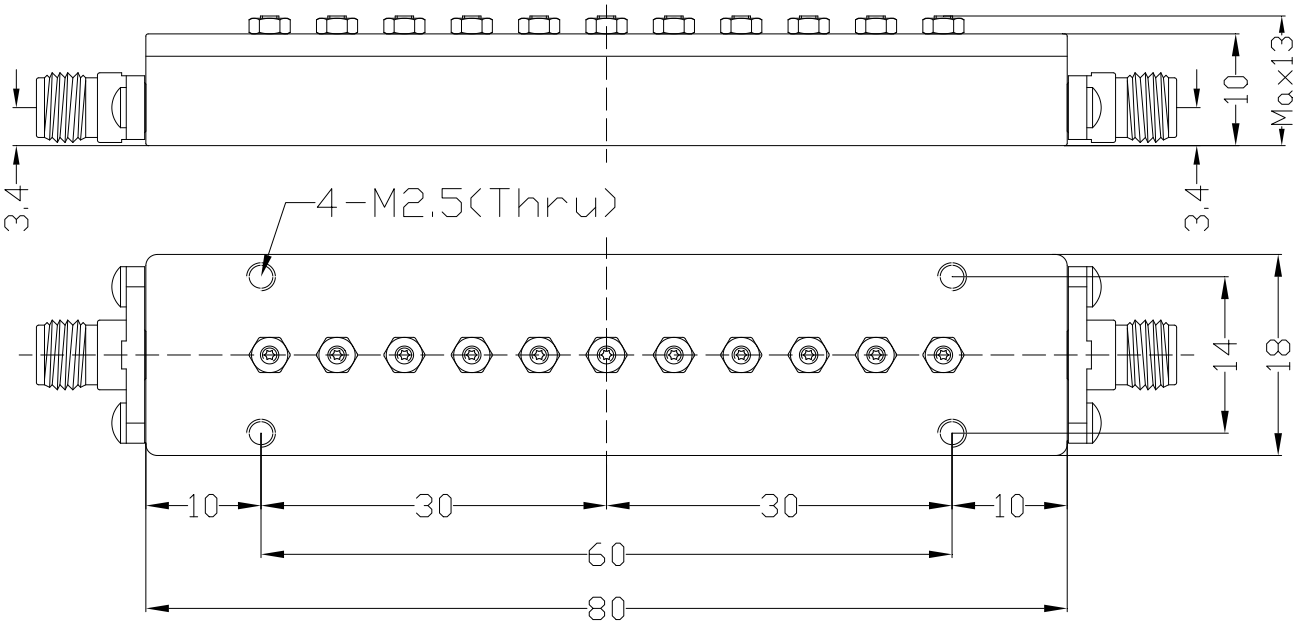
## Technical Data Sheet

| Item | Parameters | |
|---|---|---|
| ● Center Frequency(F0) | 8482MHz | |
| ● Pass Band Frequency | 8452 ~ 8512MHz | |
| ● Pass Band Insertion Loss | ≤1.0dB | |
| ● Pass Band Ripple | ≤0.08dB | |
| ● Pass Band Return Loss | ≥23dB | |
| ● Stop Band Rejection | ≥80dB @ DC ~ 8072MHz | ≥50dB @ 8712 ~ 8892MHz |
| | ≥50dB @ 8072 ~ 8252MHz | ≥80dB @ 8892 ~ 17000MHz |
| ● Impedance | 50 Ohms | |
| ● Power Handling | 5.0W Max. | |
| ● Connectors | SMA-Female | |
| ● Surface Finish | Painted Black | |
| ● Temperature Range | -30℃ ~ +70℃ | |
| ● Dimensions | 80*18*10mm | |
| ● 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: ±0.3mm)

●Material
- ●Housing: H62 Copper alloy
- ●Cover: H62 Copper alloy
- ●Tuning screw: H62 Copper alloy
- ●Connectors: Stainless Steel
- ●Other screw: Stainless Steel





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