- **Model：HXLBQ-DTA829X**
- **Product Name：Comb Band Pass Filter**
- **Frequency：4900~6100MHz**

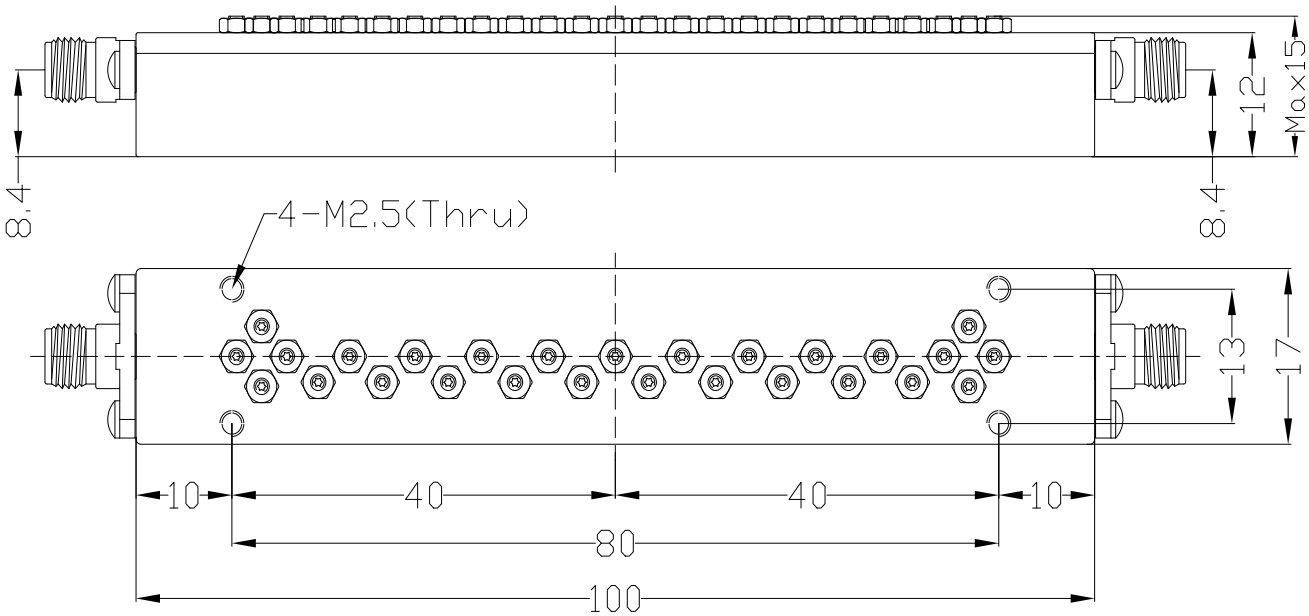
★High Stop Band Rejection
★Low Pass Band Insertion Loss
★Customizable Design
★High Reliability

## Technical Data Sheet

| Item | Parameters | |
|---|---|---|
| ● Center Frequency(F0) | 5500MHz | |
| ● 3.0dB Bandwidth | 1200MHz (4900 ~ 6100MHz)<br>[Deviation: ±50MHz @ Temperature Range: +20℃ ~ +30℃] | |
| ● Insertion Loss @ F0 | ≤1.0dB @ 5500MHz | |
| ● Return Loss | ≥20dB @ 5000 ~ 6000MHz | |
| ● Stop Band Rejection | ≥80dB @ DC ~ 4400MHz<br>≥40dB @ 4400 ~ 4700MHz | ≥40dB @ 6300 ~ 6600MHz<br>≥80dB @ 6600 ~ 13000MHz |
| ● 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<br>●Cover: H62 Copper alloy<br>●Tuning screw: H62 Copper alloy | ●Connectors: Stainless Steel<br>●Working Environment: Indoor<br>●Dimensions: 100*17*15mm |





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