

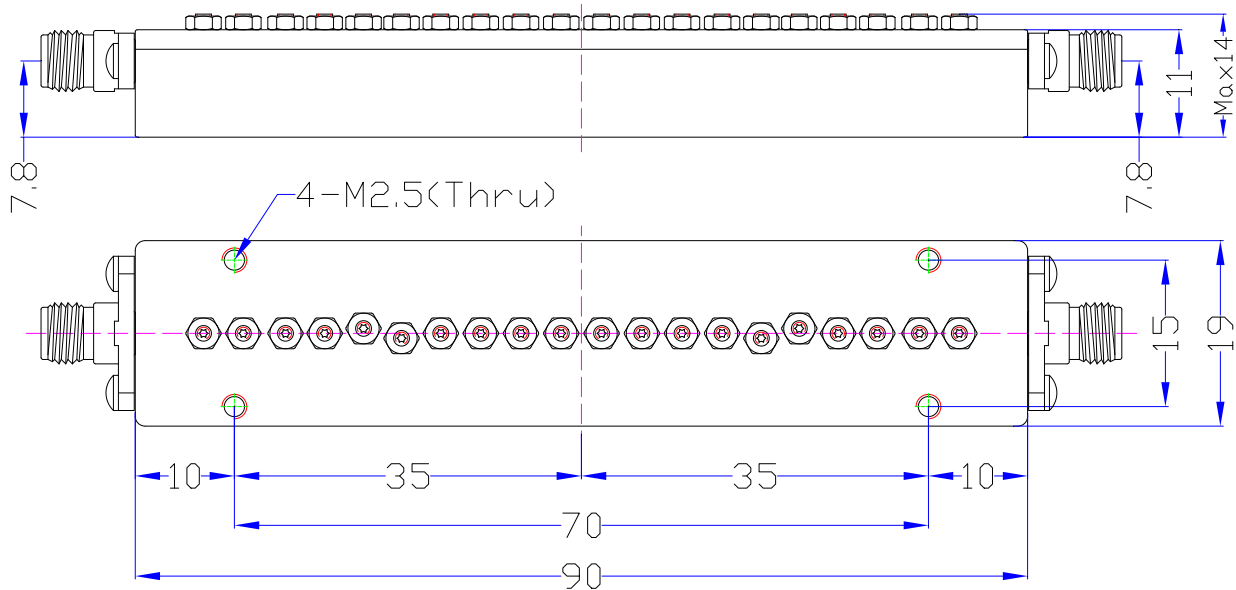
# HXLBQ-DTA850

## Comb Band Pass Filter

### Technical Data Sheet

| S/N | Item                     | Parameters   |   |
|-----|--------------------------|--|---|
| 1   | Center Frequency(F0)     | 14750MHz   |   |
| 2   | Pass Band Frequency      | 11000 ~ 18500MHz **  |   |
| 3   | Pass Band Insertion Loss | ≤1.0dB   |   |
| 4   | Pass Band Ripple         | ≤0.5dB   |   |
| 5   | Pass Band Return Loss    | ≥18dB  |   |
| 6   | Stop Band Rejection      | ≥80dB @ DC ~ 8900MHz<br>≥60dB @ 8900 ~ 9500MHz   | ≥80dB @ 19450 ~ 23000MHz<br>≥50dB @ 23000 ~ 25000MHz        |
| 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: H62 Copper alloy<br>Cover: H62 Copper alloy<br>Tuning screw: H62 Copper alloy | Connectors: Stainless Steel<br>Other screw: Stainless Steel |
| 13  | Dimensions               | 90*19*11mm   |   |
| 14  | Net weight               | TBD  |   |

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)



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