

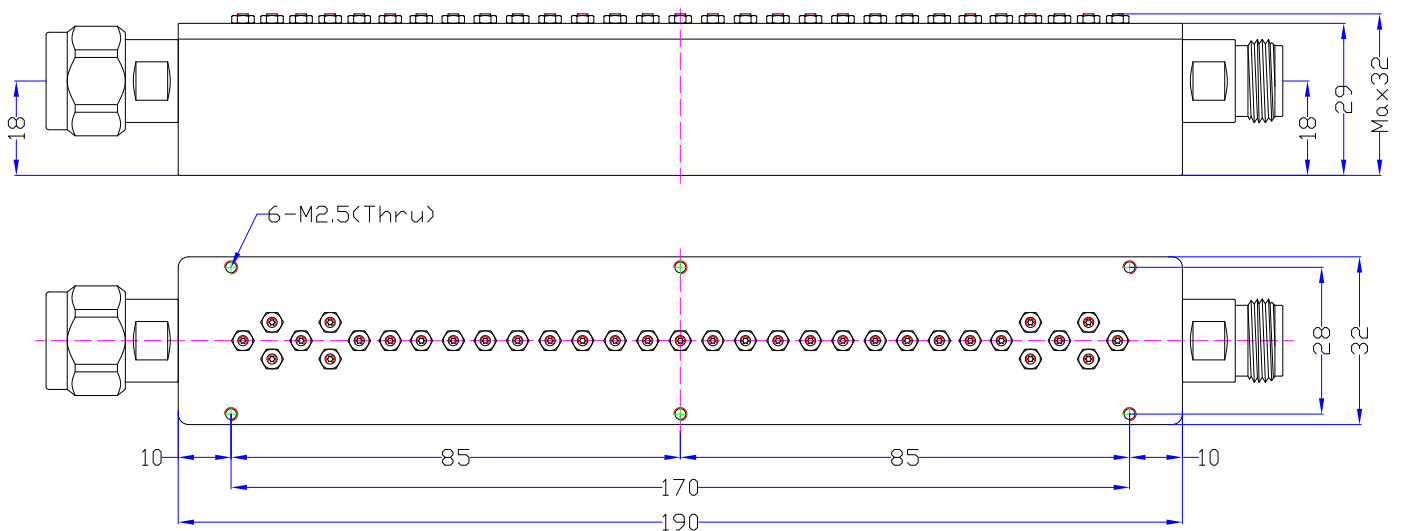
# WT-A9939-S15

## Comb Band Pass Filter

### Technical Data Sheet

| S/N | Item                     | Parameters  |
|-----|--------------------------|---|
| 1   | Center Frequency(F0)     | 1380MHz   |
| 2   | Pass Band Frequency      | 1150 ~ 1610MHz **   |
| 3   | Pass Band Insertion Loss | ≤0.7dB  |
| 4   | Pass Band Ripple         | ≤0.35dB   |
| 5   | Pass Band Return Loss    | ≥20dB   |
| 6   | Stop Band Rejection      | ≥50dB @ DC ~ 1050MHz      ≥70dB @ 1710 ~ 5500MHz  |
| 7   | Impedance                | 50 Ohms   |
| 8   | Power Handling           | 5.0W Max.   |
| 9   | Connectors               | N-Male / N-Female   |
| 10  | Surface Finish           | Painted Black   |
| 11  | Temperature Range        | -30°C ~ +70°C   |
| 12  | Material                 | Housing: 6061 Aluminum alloy      Resonant column: H59 Copper alloy<br>Cover: LY12 Aluminum alloy      Connectors: H59 Copper, Plated ternary alloy<br>Tuning screw: H62 Copper alloy      Other screw: Stainless Steel |
| 13  | Dimensions               | 190*32*29mm   |
| 14  | Net weight               | 0.31 KG   |

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.4mm)



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