

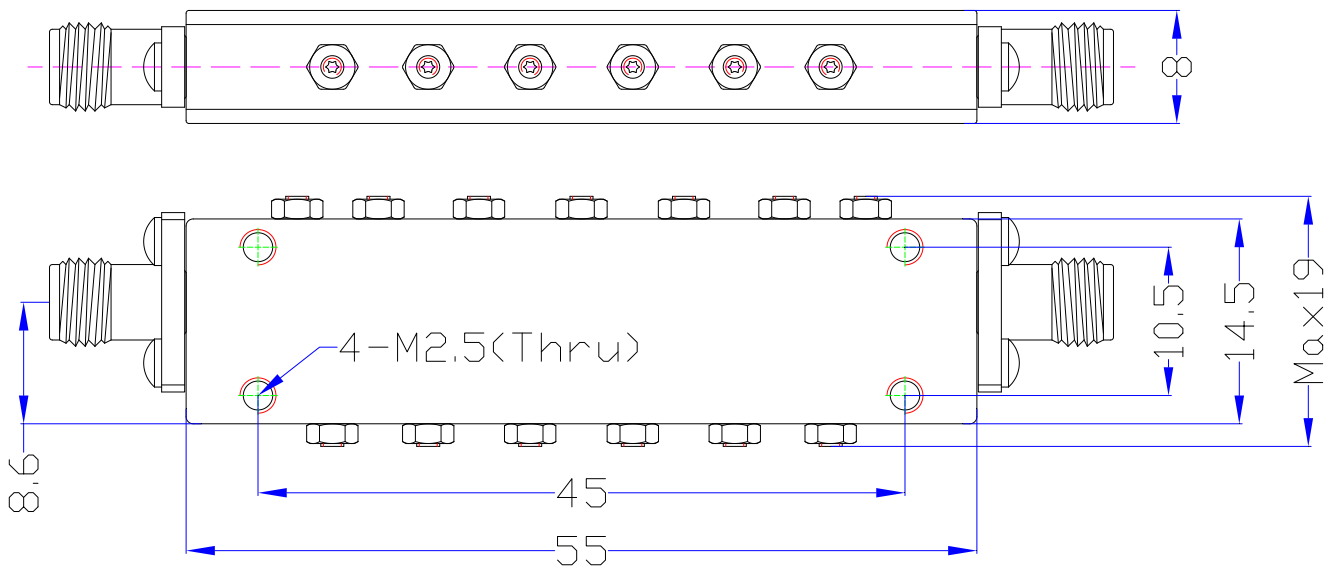
HXLBQ-DTA852

Interdigital Band Pass Filter

Technical Data Sheet

| S/N | Item | Parameters |
|-----|--------------------------|---|
| 1 | Center Frequency(F0) | 9500MHz |
| 2 | Pass Band Frequency | 7500 ~ 11500MHz ** |
| 3 | Pass Band Insertion Loss | ≤1.3dB |
| 4 | Pass Band Ripple | ≤0.8dB |
| 5 | Pass Band Return Loss | ≥14dB |
| 6 | Stop Band Rejection | ≥50dB @ DC ~ 6350MHz ≥50dB @ 12650 ~ 17000MHz |
| 7 | Impedance | 50 Ohms |
| 8 | Power Handling | 2.0W Max. |
| 9 | Connectors | SMA-Female |
| 10 | Surface Finish | Painted Black |
| 11 | Temperature Range | -30°C ~ +70°C |
| 12 | Material | Housing: H62 Copper alloy Connectors: Stainless Steel Cover: H62 Copper alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy |
| 13 | Dimensions | 55*14.5*8mm |
| 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.