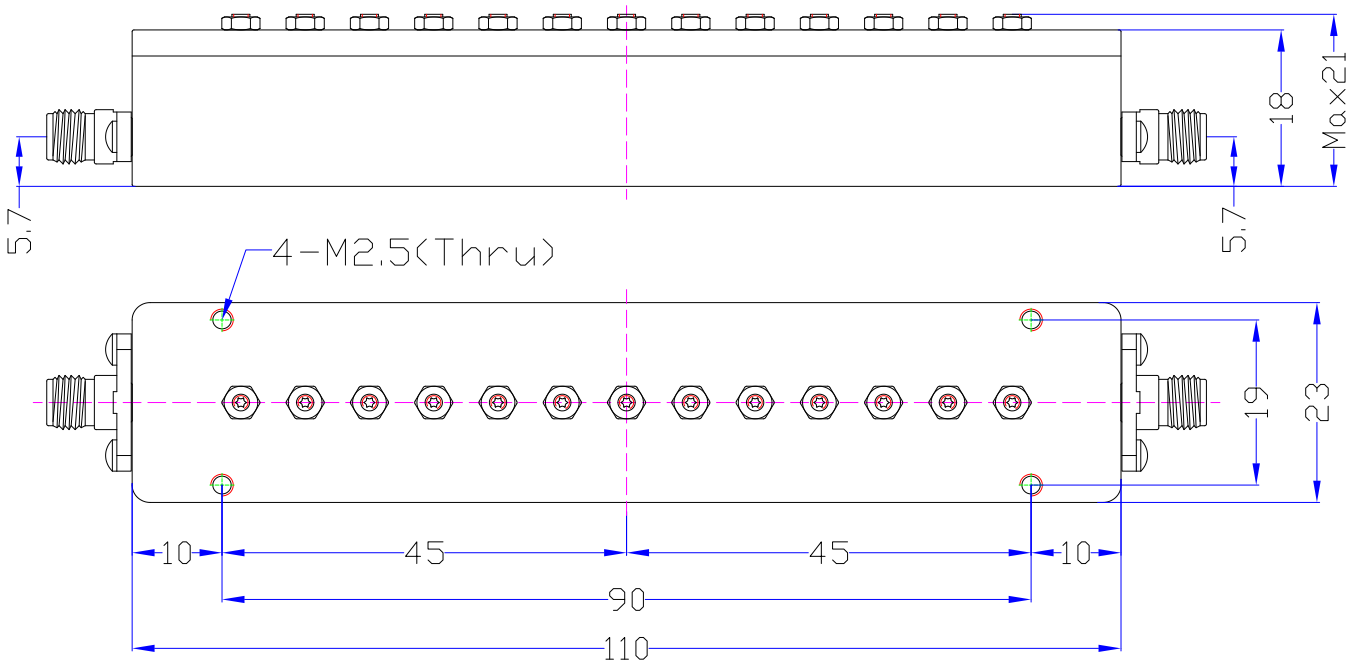
# WT-A9331-Q07

# Cavity Band Pass Filter

# Technical Data Sheet

| S/N | Item | Parameters | |
|---|---|---|---|
| 1 | Center Frequency(F0) | 3300MHz | |
| 2 | Pass Band Frequency | 3270 ~ 3330MHz | |
| 3 | Pass Band Insertion Loss | ≤1.2dB | |
| 4 | Pass Band Ripple | ≤0.28dB | |
| 5 | Pass Band Return Loss | ≥23dB | |
| 6 | Stop Band Rejection | ≥80dB @ DC ~ 3145MHz<br>≥40dB @ 3145 ~ 3220MHz | ≥40dB @ 3380 ~ 3455MHz<br>≥80dB @ 3455 ~ 10000MHz |
| 7 | Impedance | 50 Ohms | |
| 8 | Power Handling | 20W Max. | |
| 9 | Connectors | SMA-Female | |
| 10 | Surface Finish | Painted Black | |
| 11 | Temperature Range | -20℃ ~ +60℃ | |
| 12 | Material | Housing: 6061 Aluminum alloy<br>Cover: LY12 Aluminum alloy<br>Tuning screw: H62 Copper alloy | Connectors: Stainless Steel<br>Other screw: Stainless Steel |
| 13 | Dimensions | 110*23*18mm | |
| 14 | Net weight | 0.086 KG | |

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