

WT-A6640-S17

Comb Band Pass Filter

Technical Data Sheet

| S/N | Item | Parameters | | | | | | |
|--------------------------------|--|---|------------------------------|--|----------------------------|------------------------------|--------------------------------|--|
| 1 | Center Frequency(F0) | 2750MHz | | | | | | |
| 2 | Pass Band Bandwidth | 500MHz (2500 ~ 3000MHz) | | | | | | |
| 3 | Pass Band Insertion Loss | ≤1.1dB | | | | | | |
| 4 | Pass Band Ripple | ≤0.7dB | | | | | | |
| 5 | Pass Band VSWR | ≤1.22:1 | | | | | | |
| 6 | Stop Band Rejection | <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">≥65dB @ DC ~ 2400MHz</td> <td style="width: 50%;">≥40dB @ 3050 ~ 3100MHz</td> </tr> <tr> <td>≥30dB @ 2400 ~ 2450MHz</td> <td>≥80dB @ 3100 ~ 9000MHz</td> </tr> </table> | ≥65dB @ DC ~ 2400MHz | ≥40dB @ 3050 ~ 3100MHz | ≥30dB @ 2400 ~ 2450MHz | ≥80dB @ 3100 ~ 9000MHz | | |
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| ≥30dB @ 2400 ~ 2450MHz | ≥80dB @ 3100 ~ 9000MHz | | | | | | | |
| 7 | Impedance | 50 Ohms | | | | | | |
| 8 | Power Handling | 5W Max. | | | | | | |
| 9 | Connectors | SMA-Female | | | | | | |
| 10 | Surface Finish | Painted Black | | | | | | |
| 11 | Temperature Range | -30°C ~ +70°C | | | | | | |
| 12 | Material | <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Housing: 6061 Aluminum alloy</td> <td style="width: 50%;">Connectors: H59 Copper, Plated ternary alloy</td> </tr> <tr> <td>Cover: LY12 Aluminum alloy</td> <td>Other screw: Stainless Steel</td> </tr> <tr> <td>Tuning screw: H62 Copper alloy</td> <td></td> </tr> </table> | Housing: 6061 Aluminum alloy | Connectors: H59 Copper, Plated ternary alloy | Cover: LY12 Aluminum alloy | Other screw: Stainless Steel | Tuning screw: H62 Copper alloy | |
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| Cover: LY12 Aluminum alloy | Other screw: Stainless Steel | | | | | | | |
| Tuning screw: H62 Copper alloy | | | | | | | | |
| 13 | Dimensions | 180*21*21mm | | | | | | |
| 14 | Net weight | 0.15 KG | | | | | | |

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

