

WT-A8058-Q20

Cavity Band Pass Filter

Technical Data Sheet

| S/N | Item | Parameters | | | | |
|-----------------------|--------------------------|--|----------------------|--------------------------|-----------------------|-------------------------|
| 1 | Center Frequency(F0) | 5.4975GHz | | | | |
| 2 | Pass Band Frequency | 5.16 ~ 5.835GHz | | | | |
| 3 | Pass Band Insertion Loss | ≤1.5dB | | | | |
| 4 | Pass Band Ripple | ≤1.0dB | | | | |
| 5 | Pass Band VSWR | ≤1.22:1 | | | | |
| 6 | Stop Band Rejection | <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td>≥70dB @ DC ~ 5.07GHz</td> <td>≥55dB @ 5.895 ~ 5.925GHz</td> </tr> <tr> <td>≥50dB @ 5.07 ~ 5.1GHz</td> <td>≥80dB @ 5.925 ~ 13.5GHz</td> </tr> </table> | ≥70dB @ DC ~ 5.07GHz | ≥55dB @ 5.895 ~ 5.925GHz | ≥50dB @ 5.07 ~ 5.1GHz | ≥80dB @ 5.925 ~ 13.5GHz |
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| ≥50dB @ 5.07 ~ 5.1GHz | ≥80dB @ 5.925 ~ 13.5GHz | | | | | |
| 7 | Impedance | 50 Ohms | | | | |
| 8 | Power Handling | 10W Max. | | | | |
| 9 | Connectors | SMA-Female | | | | |
| 10 | Surface Finish | Painted Black | | | | |
| 11 | Temperature Range | -30°C ~ +70°C | | | | |
| 12 | Material | Housing: 6061 Aluminum alloy Connectors: Stainless Steel Cover: LY12 Aluminum alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy | | | | |
| 13 | Dimensions | 120*40*16mm | | | | |
| 14 | Net weight | 0.141 KG | | | | |

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)

