

HXLBQ-DTA195LC

LC Band Pass Filter

Technical Data Sheet

| S/N | Item | Parameters |
|-----|--------------------------|--|
| 1 | Center Frequency | 174MHz |
| 2 | Pass Band Frequency | 5MHz (171.5 ~ 176.5MHz) (Design actual bandwidth: ≈ 35 MHz) |
| 3 | Pass Band Insertion Loss | ≤ 3.0 dB @ 171.5 ~ 176.5MHz |
| 4 | Pass Band VSWR | $\leq 1.5:1$ @ 171.5 ~ 176.5MHz |
| 5 | Stop Band Rejection | ≥ 40 dB @ DC ~ 138MHz ≥ 40 dB @ 220 ~ 500MHz |
| 6 | Impedance | 50 Ohms |
| 7 | Power Handling | 1.0W Max. |
| 8 | Connectors | SMA-Female |
| 9 | Surface Finish | Chemical Nickel |
| 10 | Temperature Range | -30°C ~ +70°C |
| 11 | Material | Housing: H59 copper alloy Connectors: H59 Copper, Plated ternary alloy Cover: H59 copper alloy Other screw: Stainless Steel |
| 12 | Dimensions | 40*12*10mm |
| 13 | Net weight | 0.025 KG |

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

