

HXLBQ-DTA470

Cavity Band Pass Filter

Technical Data Sheet

| S/N | Item | Parameters |
|-----|----------------------|--|
| 1 | Center Frequency(F0) | 2300MHz |
| 2 | 3.0dB Bandwidth | About: 200MHz (2200 ~ 2400MHz) |
| 3 | Insertion Loss @ F0 | ≤0.8dB @ 2300MHz |
| 4 | VSWR | ≤1.22:1 @ 160MHz Bandwidth (2220 ~ 2380MHz) |
| 5 | Stop Band Rejection | ≥70dB @ DC ~ 2075MHz ≥70dB @ 2525 ~ 7000MHz |
| 6 | Impedance | 50 Ohms |
| 7 | Power | 20W Max. |
| 8 | Connectors | SMA-Female |
| 9 | Surface Finish | Painted Black |
| 10 | Temperature Range | -30°C ~ +70°C |
| 11 | Material | Housing: 6061 Aluminum alloy Resonant column: H59 Copper alloy Cover: LY12 Aluminum alloy Connectors: Stainless Steel Tuning screw: H62 Copper alloy Other screw: Stainless Steel |
| 12 | Dimensions | 120*22*24mm |
| 13 | Net weight | TBD |

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

