

# HXLBQ-DTA466X

## Cavity Band Pass Filter

### Technical Data Sheet

| S/N | Item                     | Parameters   |  |
|-----|--------------------------|--|--|
| 1   | Center Frequency(F0)     | 1900MHz  |  |
| 2   | Pass Band Frequency      | 1850 ~ 1950MHz   |  |
| 3   | Pass Band Insertion Loss | ≤1.3dB   |  |
| 4   | Pass Band Ripple         | ≤0.6dB   |  |
| 5   | Pass Band VSWR           | ≤1.22:1  |  |
| 6   | Stop Band Rejection      | ≥70dB @ DC ~ 1750MHz   | ≥70dB @ 2050 ~ 4000MHz   |
| 7   | Impedance                | 50 Ohms  |  |
| 8   | Power                    | 100W Max.  |  |
| 9   | Connectors               | SMA-Female   |  |
| 10  | Surface Finish           | Painted Black  |  |
| 11  | Temperature Range        | -30°C ~ +70°C  |  |
| 12  | Material                 | Housing: 6061 Aluminum alloy<br>Cover: LY12 Aluminum alloy<br>Tuning screw: H62 Copper alloy | Resonant column: H59 Copper alloy<br>Connectors: Stainless Steel<br>Other screw: Stainless Steel |
| 13  | Dimensions               | 177*35*25mm  |  |
| 14  | Net weight               | TBD  |  |

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

