

HXLBQ-DTA207

Cavity Band Pass Filter

Technical Data Sheet

| S/N | Item | Parameters |
|-----|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Center Frequency(F0) | 816MHz |
| 2 | Pass Band Frequency | 806 ~ 826MHz |
| 3 | Pass Band Insertion Loss | ≤1.0dB |
| 4 | Pass Band VSWR | ≤1.3:1 |
| 5 | Stop Band Attenuation | ≥50dB @ DC ~ 790MHz ≥50dB @ 850 ~ 1420MHz ≥70dB @ 1420 ~ 2000MHz |
| 6 | Impedance | 50 Ohms |
| 7 | Power Handling | 20W Max. |
| 8 | Connectors | SMA-Female |
| 9 | Surface Finish | Painted Black |
| 10 | Temperature Range | -20°C ~ +60°C |
| 11 | Material | Housing: 6061 Aluminum alloy Resonant column: H59 Copper alloy Cover: LY12 Aluminum alloy Connectors: H59 Copper, Plated ternary alloy Tuning screw: H62 Copper alloy Other screw: Stainless Steel |
| 12 | Dimensions | 107*73*41mm |
| 13 | Net weight | TBD |

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.7mm)

