

- **Model:** HXLBQ-DTA1354
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 917~920MHz

- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

| Technical Data Sheet       |                      |                       |
|----------------------------|----------------------|-----------------------|
| Item                       | Parameters           |                       |
| ● Center Frequency(F0)     | 918.5MHz             |                       |
| ● Pass Band Frequency      | 917 ~ 920MHz         |                       |
| ● Pass Band Insertion Loss | ≤3.0dB               |                       |
| ● Pass Band Ripple         | ≤1.0dB               |                       |
| ● Pass Band Return Loss    | ≥20dB                |                       |
| ● Stop Band Rejection      | ≥50dB @ DC ~ 902MHz  | ≥20dB @ 923 ~ 935MHz  |
|                            | ≥20dB @ 902 ~ 914MHz | ≥50dB @ 935 ~ 2000MHz |
| ● Impedance                | 50 Ohms              |                       |
| ● Power Handling           | 20W Max.             |                       |
| ● Connectors               | SMA-Female           |                       |
| ● Surface Finish           | Painted Black        |                       |
| ● Temperature Range        | -20°C ~ +60°C        |                       |
| ● Net weight               | TBD                  |                       |

Note: The actual design bandwidth will be greater than the Pass Band Frequency, and there is no bandwidth limit.

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

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|-------------------|---------------------------|-------------------------------|
| ◆ <b>Material</b> | ● Housing: Aluminum alloy | ● Dimensions: 95*65*52mm      |
|                   | ● Cover: Aluminum alloy   | ● Working Environment: Indoor |

