

## Specifications

| Parameter                                      | Unit               | Min. | Typical   | Max. |
|------------------------------------------------|--------------------|------|-----------|------|
| Centre Frequency ( $F_o$ )                     | MHz                | -    | 433.92    | -    |
| Insertion Loss<br>Within 433.8 ~ 434.12        | dB                 | -    | 2.2       | 4.0  |
| Relative Passband:                             |                    |      |           |      |
| 434.76 ~ 434.08 MHz                            | dB                 | 0    | 0         | 2.0  |
| 433.74 ~ 434.10 MHz                            | dB                 | 0    | 0         | 3.0  |
| 433.68 ~ 434.16 MHz                            | dB                 | 0    | 0         | 6.0  |
| Relative Pass Bandwidth ( $BW_3$ )             | KHz                | 670  | 720       | -    |
| Source Impedance (single ended) <sup>(1)</sup> | $\Omega$           | -    | 50        | -    |
| Load Impedance (single ended) <sup>(1)</sup>   | $\Omega$           | -    | 50        | -    |
| Operating Temperature Range                    | $^{\circ}\text{C}$ | -45  | -         | +120 |
| Relative Attenuation:                          |                    |      |           |      |
| 10.0 ~ 414.0 MHz                               | dB                 | 45   | 48        | -    |
| 414.0 ~ 428.0 MHz                              | dB                 | 40   | 43        | -    |
| 428.0 ~ 432.92 MHz                             | dB                 | 15   | 19        | -    |
| 434.92 ~ 442.0 MHz                             | dB                 | 10   | 14        | -    |
| 442.0 ~ 550.0 MHz                              | dB                 | 35   | 38        | -    |
| 550.0 ~ 1000.0 MHz                             | dB                 | 45   | 50        | -    |
| Turnover To                                    | $^{\circ}\text{C}$ | -    | 25        | -    |
| Maximum DC Voltage                             | V                  | -    | -         | 0    |
| Maximum Input Power                            | dBm                | -    | -         | 10   |
| Package Type and Size                          |                    | K    |           |      |
| Length X Width                                 | mm <sup>2</sup>    | -    | 5.0 x 5.0 | -    |
| Height                                         | mm                 | -    | -         | 1.7  |



Antenna gain: 0dBi