# DBF81H903 Bluetooth

## Applications

For Bluetooth

## Specifications

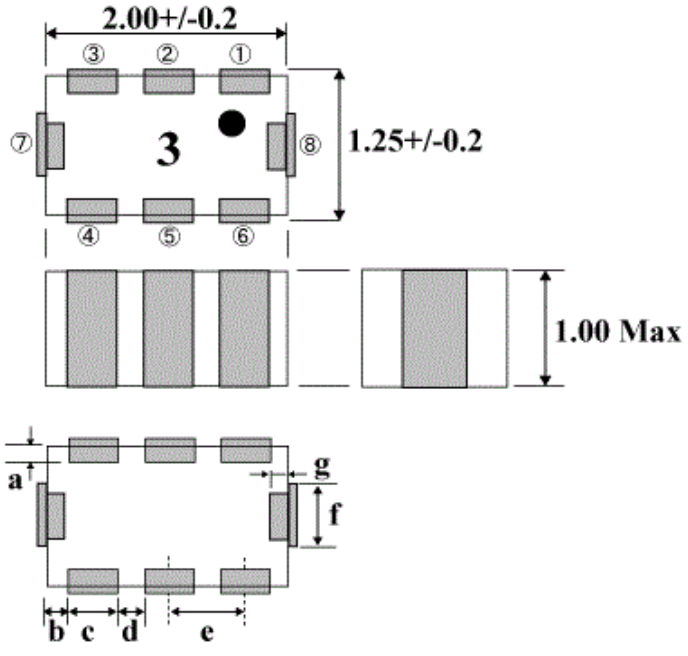
| DBF81H903 | |
|---|---|
| Unbalance impedance | 50 ohm Nominal |
| Balance impedance | Conjugate match to BRF6150 of Texas Instruments |
| Center frequency | 2441MHz |
| Pass band | 2402-2480MHz |
| Insertion loss | 3.5 dB max (at 25 Deg.C) |
| Ripple | 1.0 dB max |
| Unbalance port V.S.W.R | 2.0 max (2402-2480MHz) |
| Balance port V.S.W.R | 1.6 max (2402-2480MHz) |
| Attenuation | 48 dB min (880-960MHz) |
| | 48 dB min (1710-1880MHz) |
| | 40 dB min (1880-1990MHz) |
| | 30 dB min (4804-4960MHz) |
| | 20 dB min (7206-7440MHz) |
| Amplitude balance | 2.0 dB max |
| Phase differential | 180+/-10 Deg. (at 25 Deg.C) |

## Order Unit

2000pcs/Reel

## Dimensions

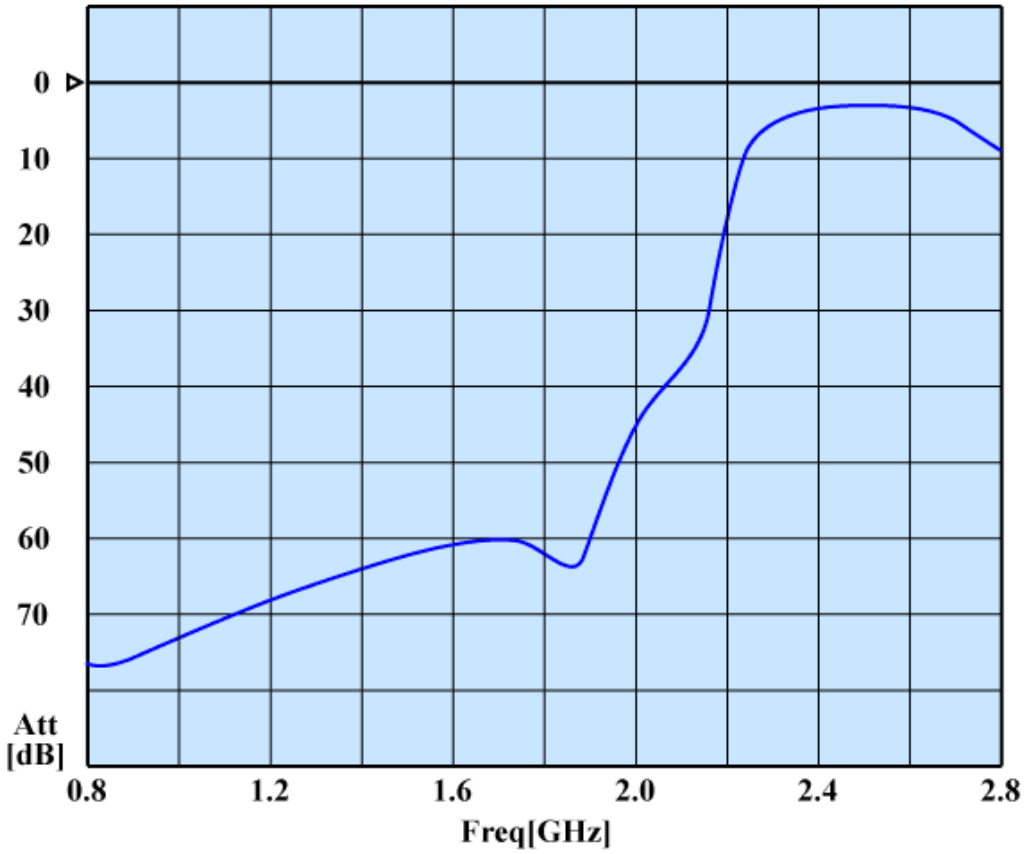
Dimension(Unit : mm)




| Terminal | |
|---|---|
| ① | NC |
| ② | DC |
| ③ | Unblance |
| ④ | Balance |
| ⑤ | Balance |
| ⑥ | GND |
| ⑦ | GND |
| ⑧ | GND |

| Terminal Dimensions | |
|---|---|
| a | 0.15 Typ. |
| b | 0.20 +/- 0.15 |
| c | 0.30 +/- 0.10 |
| d | 0.35 +/- 0.10 |
| e | 0.65 +/- 0.10 |
| f | 0.50 +/- 0.10 |
| g | 0.15 Typ. |

## Characteristics (Typical) 1




## Characteristics (Typical) 2

