# C1608H

AEC-Q200

## ■ 特长

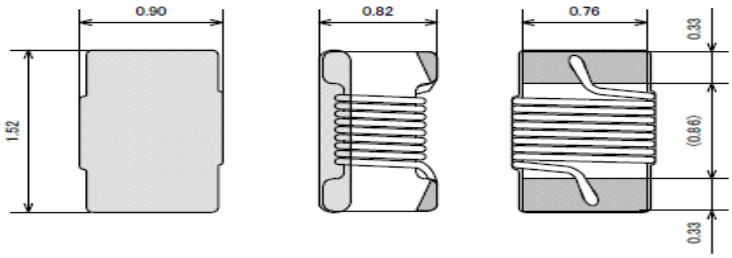
- 低阻抗用的小型贴片电感
- 自振频率高，能在高频使用
- 能在磁芯上直接绕线，达到高Q值
- (比C1608CB)C1608H实现了HighQ化(+10%)和低电阻化(-20～-30%)
- 符合AEC-Q200(但端子强度除外)
- 工作温度范围：-40℃～+125℃（包含自身发热）

单体重：　　0.0033 g

## ■ 用途

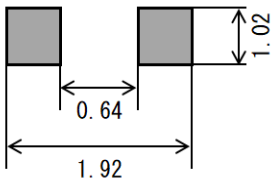
- 音频＆映像/音乐随身听,电视&显示器,迷你音响，AV功放，业务用攻放
- 车载/汽车音响,调谐器,天线
- 电脑/智能手机・平板电脑,无线路由器
- 家电/电子游戏机
- 其他/能源,无线通讯机,工业机器

## ■ 外形尺寸




(单位：mm)

## ■ 推荐焊盘




(单位：mm)

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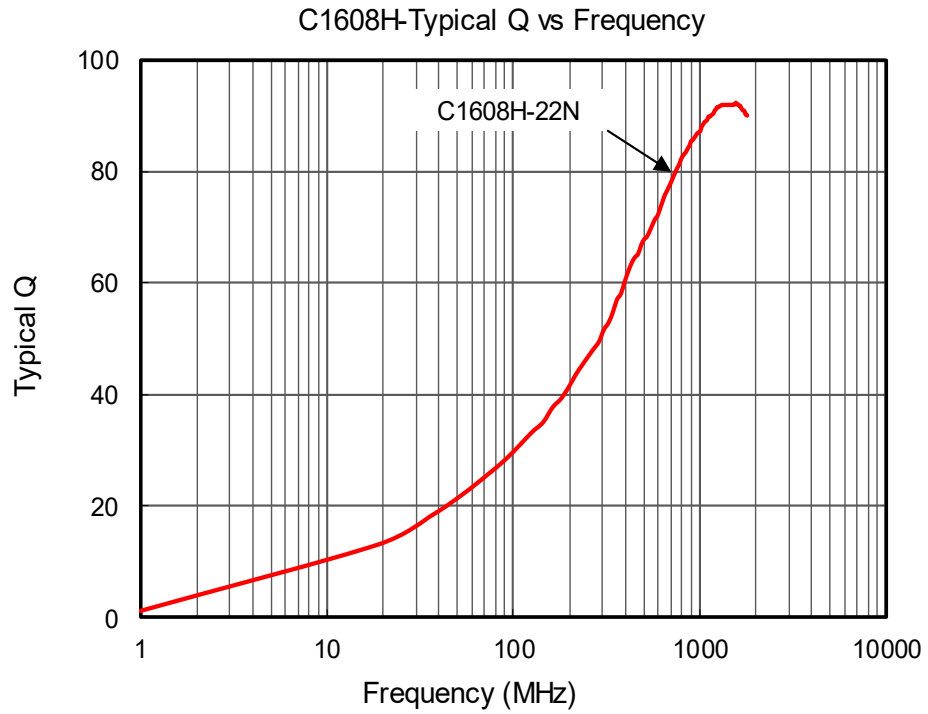
以上内容可能由于制品改善等原因发生变更而不事前通知，请悉知。

## ■ 电气规格

| 型号 | 电感值 (nH) | Q min. | 测量频率 (MHz) | Self-Resonant Frequency (SRF) (MHz) | 直流电阻 max. (Ω) | 额定温度上升电流 (mA) |
|---|---|---|---|---|---|---|
| C1608H-2N7K | 2.7±10% | 23 | 250 | 6000 | 0.0450 | 1400 |
| C1608H-3N6J | 3.6±5% | 26 | 250 | 6000 | 0.0450 | 1350 |
| C1608H-3N6K | 3.6±10% | 26 | 250 | 6000 | 0.0450 | 1350 |
| C1608H-3N9J | 3.9±5% | 26 | 250 | 6000 | 0.0570 | 1300 |
| C1608H-3N9K | 3.9±10% | 26 | 250 | 6000 | 0.0570 | 1300 |
| C1608H-5N6J | 5.6±5% | 31 | 250 | 6000 | 0.0680 | 1250 |
| C1608H-5N6K | 5.6±10% | 31 | 250 | 6000 | 0.0680 | 1250 |
| C1608H-6N8J | 6.8±5% | 33 | 250 | 6000 | 0.0680 | 1200 |
| C1608H-6N8K | 6.8±10% | 33 | 250 | 6000 | 0.0680 | 1200 |
| C1608H-8N2J | 8.2±5% | 33 | 250 | 6000 | 0.0880 | 1100 |
| C1608H-8N2K | 8.2±10% | 33 | 250 | 6000 | 0.0880 | 1100 |
| C1608H-9N1J | 9.1±5% | 34 | 250 | 6000 | 0.0880 | 1100 |
| C1608H-9N1K | 9.1±10% | 34 | 250 | 6000 | 0.0880 | 1100 |
| C1608H-10NG | 10±2% | 37 | 250 | 6000 | 0.0880 | 1100 |
| C1608H-10NJ | 10±5% | 37 | 250 | 6000 | 0.0880 | 1100 |
| C1608H-12NG | 12±2% | 38 | 250 | 6000 | 0.110 | 950 |
| C1608H-12NJ | 12±5% | 38 | 250 | 6000 | 0.110 | 950 |
| C1608H-15NG | 15±2% | 40 | 250 | 4000 | 0.110 | 950 |
| C1608H-15NJ | 15±5% | 40 | 250 | 4000 | 0.110 | 950 |
| C1608H-18NG | 18±2% | 42 | 250 | 4000 | 0.130 | 850 |
| C1608H-18NJ | 18±5% | 42 | 250 | 4000 | 0.130 | 850 |
| C1608H-22NG | 22±2% | 42 | 250 | 3700 | 0.140 | 800 |
| C1608H-22NJ | 22±5% | 42 | 250 | 3700 | 0.140 | 800 |
| C1608H-27NG | 27±2% | 42 | 250 | 3500 | 0.160 | 750 |
| C1608H-27NJ | 27±5% | 42 | 250 | 3500 | 0.160 | 750 |
| C1608H-33NG | 33±2% | 41 | 250 | 2700 | 0.180 | 700 |
| C1608H-33NJ | 33±5% | 41 | 250 | 2700 | 0.180 | 700 |
| C1608H-39NG | 39±2% | 40 | 250 | 2400 | 0.210 | 700 |
| C1608H-39NJ | 39±5% | 40 | 250 | 2400 | 0.210 | 700 |
| C1608H-47NG | 47±2% | 39 | 200 | 2400 | 0.230 | 700 |
| C1608H-47NJ | 47±5% | 39 | 200 | 2400 | 0.230 | 700 |

温度上升容许电流:磁芯表面温度上升至20℃以下的电流值

## ■ 频率特性图


C1608H-Typical Q vs Frequency
C1608H-22N
Typical Q
Frequency (MHz)
100
80
60
40
20
0
1
10
100
1000
10000