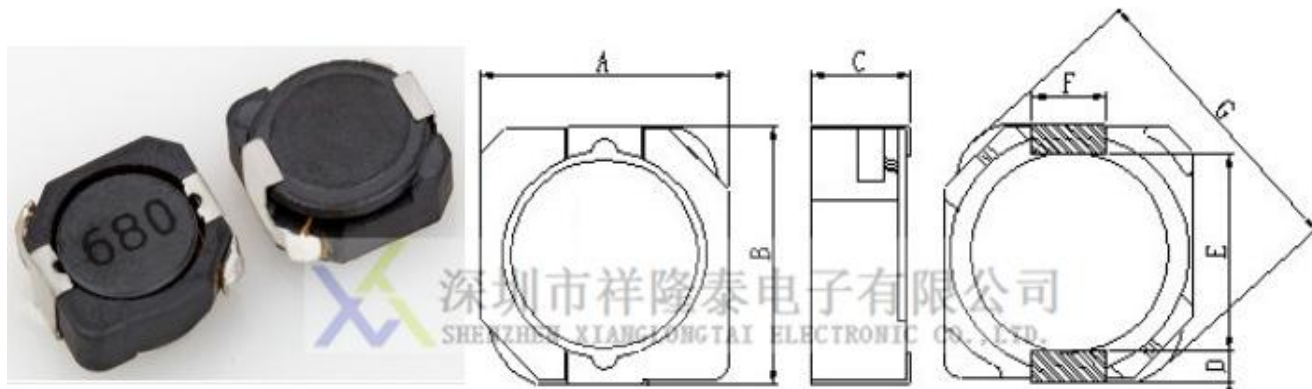




CDRH103R-105R 系列屏蔽贴片功率电感



一、外形及尺寸 The shape and size (单位: mm)

祥隆泰电子

| 产品名称 | A (MAX) | B (MAX) | C (MAX) | D (TYP.) | E (TYP.) | F (TYP.) | 最小包装 |
|-----------------------------|---------|---------|---------|----------|----------|----------|-----------|
| CDRH103R | 10.6 | 10.5 | 3.0 | 1.7 | 7.3 | 3.6 | 1000PCS/卷 |
| CDRH104R | 10.6 | 10.5 | 4.0 | 1.7 | 7.3 | 3.6 | 1000PCS/卷 |
| CDRH105R | 10.6 | 10.5 | 5.2 | 1.7 | 7.3 | 3.6 | 800PCS/卷 |
| 以上规格为我司常规产品, 特殊规格及要求请与我司联系。 | | | | | | | |

二、命名说明 Name description

祥隆泰电子

- 1、产品类型: CDRH
- 2、产品尺寸: 例如 104R 表示产品尺寸, 10 表示产品直径, 4 表示产品高度。
- 3、产品感量: 1R0—1.0uH 100—10uH 101—100uH
- 4、产品公差: J— $\pm 5\%$ K— $\pm 10\%$ L— $\pm 15\%$ M— $\pm 20\%$ P— $\pm 25\%$ N— $\pm 30\%$

三、特征性能 Characteristics

祥隆泰电子

- 1、使用载带盘装, 适宜 SMT
- 2、具有磁屏蔽结构, 耐电流大, 直流电阻低。
- 3、产品无铅, 符合 ROHS 标准。

四、产品应用 The product application

祥隆泰电子

此类产品应用于数码产品, 扫描仪, 升压转换, 电源模块, 液晶显示组件, 便携式设备, 网络产品笔记本电脑等。

五、测试仪表及条件说明 Test conditions and specifications

祥隆泰电子

- 1、电感值测试仪表: VR3302/CH1062A 或同等 LCR METER
- 2、测试条件: 1KHZ-2MHZ, 0.1V-1.0V
- 3、电阻测试仪器: VR3302 或同等 DCR 测试设备。
- 4、额定电流测试仪表: VR1133H & VR712 或同等恒流源设备。
- 5、额定电流定义: 电感值下降 25% 或温度上升至 40℃ 时取其最小值作为额定电流。
- 6、贮藏温度: 10℃~25℃, 相对湿度: 65%~85%



CDRH103R SERIES

电性参数 Electrical parameters

祥隆泰电子

| PART NO. | INDUCTANCE (uH) | L RANGE(%) | L TEST FREQUENCY | DCR (Ω)MAX | RATED CURRENT (A)MAX |
|---------------|--------------------|---------------|---------------------|------------------------|-------------------------|
| CDRH103R-1R0N | 1.0 | ±30% | 100KHz/0.25V | 0.009 | 6.50 |
| CDRH103R-1R5N | 1.5 | ±30% | 100KHz/0.25V | 0.011 | 5.80 |
| CDRH103R-2R2N | 2.2 | ±30% | 100KHz/0.25V | 0.017 | 5.10 |
| CDRH103R-3R3M | 3.3 | ±30% | 100KHz/0.25V | 0.021 | 4.70 |
| CDRH103R-4R7M | 4.7 | ±30% | 100KHz/0.25V | 0.030 | 4.00 |
| CDRH103R-6R8M | 6.8 | ±30% | 100KHz/0.25V | 0.035 | 3.60 |
| CDRH103R-8R2M | 8.2 | ±30% | 100KHz/0.25V | 0.050 | 3.00 |
| CDRH103R-100M | 10 | ±20% | 1.0KHz/0.25V | 0.059 | 2.80 |
| CDRH103R-150M | 15 | ±20% | 1.0KHz/0.25V | 0.091 | 2.05 |
| CDRH103R-220M | 22 | ±20% | 1.0KHz/0.25V | 0.143 | 1.60 |
| CDRH103R-330M | 33 | ±20% | 1.0KHz/0.25V | 0.202 | 1.35 |
| CDRH103R-470M | 47 | ±20% | 1.0KHz/0.25V | 0.299 | 1.20 |
| CDRH103R-560M | 56 | ±20% | 1.0KHz/0.25V | 0.325 | 1.15 |
| CDRH103R-680M | 68 | ±20% | 1.0KHz/0.25V | 0.429 | 0.95 |
| CDRH103R-820M | 82 | ±20% | 1.0KHz/0.25V | 0.494 | 0.80 |
| CDRH103R-101M | 100 | ±20% | 1.0KHz/0.25V | 0.683 | 0.70 |
| CDRH103R-121M | 120 | ±20% | 1.0KHz/0.25V | 0.754 | 0.65 |

CDRH104R SERIES

电性参数 Electrical parameters

祥隆泰电子

| PART NO. | INDUCTANCE (uH) | L RANGE(%) | L TEST FREQUENCY | DCR (Ω)MAX | RATED CURRENT (A)MAX |
|---------------|--------------------|---------------|---------------------|------------------------|-------------------------|
| CDRH104R-1R5N | 1.5 | ±30% | 100KHz/0.25V | 0.008 | 6.5 |
| CDRH104R-2R5N | 2.5 | ±30% | 100KHz/0.25V | 0.011 | 6.1 |
| CDRH104R-3R3N | 3.3 | ±30% | 100KHz/0.25V | 0.014 | 5.6 |



| | | | | | |
|---------------|-----|------|--------------|-------|------|
| CDRH104R-4R7M | 4.7 | ±30% | 100KHz/0.25V | 0.022 | 5.4 |
| CDRH104R-6RM | 6.8 | ±30% | 100KHz/0.25V | 0.025 | 5.0 |
| CDRH104R-8R2M | 8.2 | ±30% | 100KHz/0.25V | 0.030 | 4.1 |
| CDRH104R-100M | 10 | ±20% | 1.0KHz/0.25V | 0.035 | 3.8 |
| CDRH104R-150M | 15 | ±20% | 1.0KHz/0.25V | 0.050 | 3.1 |
| CDRH104R-220M | 22 | ±20% | 1.0KHz/0.25V | 0.073 | 2.5 |
| CDRH104R-330M | 33 | ±20% | 1.0KHz/0.25V | 0.093 | 2.2 |
| CDRH104R-470M | 47 | ±20% | 1.0KHz/0.25V | 0.128 | 1.9 |
| CDRH104R-560M | 56 | ±20% | 1.0KHz/0.25V | 0.185 | 1.6 |
| CDRH104R-680M | 68 | ±20% | 1.0KHz/0.25V | 0.213 | 1.42 |
| CDRH104R-820M | 82 | ±20% | 1.0KHz/0.25V | 0.275 | 1.32 |
| CDRH104R-101M | 100 | ±20% | 1.0KHz/0.25V | 0.304 | 1.25 |
| CDRH104R-151M | 150 | ±20% | 1.0KHz/0.25V | 0.506 | 0.85 |
| CDRH104R-221M | 220 | ±20% | 1.0KHz/0.25V | 0.756 | 0.70 |
| CDRH104R-331M | 330 | ±20% | 1.0KHz/0.25V | 1.090 | 0.52 |

CDRH105R SERIES

电性参数 Electrical parameters

祥隆泰电子

| PART NO. | INDUCTANCE (uH) | L RANGE(%) | L TEST FREQUENCY | DCR (Ω)MAX | RATED CURRENT (A)MAX |
|---------------|--------------------|---------------|---------------------|---------------|-------------------------|
| CDRH105R-3R3N | 3.3 | ±30% | 1.0KHz/0.25V | 0.013 | 6.00 |
| CDRH105R-4R7N | 4.7 | ±30% | 1.0KHz/0.25V | 0.016 | 5.70 |
| CDRH105R-6R8N | 6.8 | ±30% | 1.0KHz/0.25V | 0.020 | 5.35 |
| CDRH105R-8R2N | 8.2 | ±30% | 1.0KHz/0.25V | 0.023 | 5.00 |
| CDRH105R-100M | 10 | ±20% | 1.0KHz/0.25V | 0.026 | 4.45 |
| CDRH105R-150M | 15 | ±20% | 1.0KHz/0.25V | 0.041 | 3.40 |
| CDRH105R-220M | 22 | ±20% | 1.0KHz/0.25V | 0.061 | 2.90 |
| CDRH105R-330M | 33 | ±20% | 1.0KHz/0.25V | 0.084 | 2.40 |



| | | | | | |
|---------------|-----|------|--------------|-------|------|
| CDRH105R-470M | 47 | ±20% | 1.0KHZ/0.25V | 0.130 | 2.00 |
| CDRH105R-560M | 56 | ±20% | 1.0KHZ/0.25V | 0.149 | 1.90 |
| CDRH105R-680M | 68 | ±20% | 1.0KHZ/0.25V | 0.201 | 1.60 |
| CDRH105R-820M | 82 | ±20% | 1.0KHZ/0.25V | 0.227 | 1.45 |
| CDRH105R-101M | 100 | ±20% | 1.0KHZ/0.25V | 0.253 | 1.35 |
| CDRH105R-151M | 150 | ±20% | 1.0KHZ/0.25V | 0.370 | 1.10 |
| CDRH105R-181M | 180 | ±20% | 1.0KHZ/0.25V | 0.419 | 1.00 |
| CDRH105R-221M | 220 | ±20% | 1.0KHZ/0.25V | 0.500 | 0.94 |
| CDRH105R-331M | 330 | ±20% | 1.0KHZ/0.25V | 0.812 | 0.73 |
| CDRH105R-471M | 470 | ±20% | 1.0KHZ/0.25V | 1.290 | 0.54 |
| CDRH105R-561M | 560 | ±20% | 1.0KHZ/0.25V | 1.430 | 0.52 |
| CDRH105R-681M | 680 | ±20% | 1.0KHZ/0.25V | 1.600 | 0.51 |
| CDRH105R-821M | 820 | ±20% | 1.0KHZ/0.25V | 1.770 | 0.48 |

注:

- 1.以上数据均在 25℃环境中测得。
- 2.以上规格为我公司常规品，如需要其他规格或其他参数组合请与我司联系，我司支持定制。
- 3.最终确认参数以我司提供样品及承认书为准。