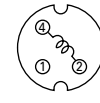
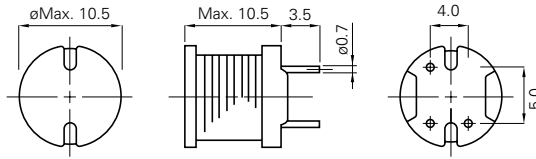


RCH110B

DIMENSIONS (mm)
外形寸法図

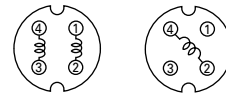
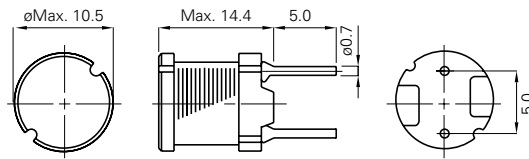
CONNECTION
端子接続

WIRE
線種

 BOTTOM VIEW
裏面図

CONSTRUCTION
磁気構造図


RCH-114

DIMENSIONS (mm)
外形寸法図

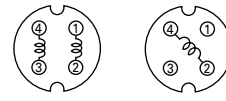
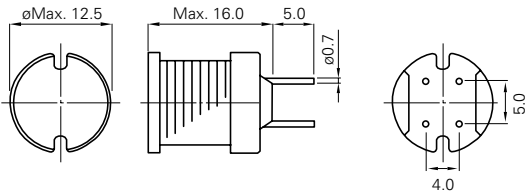
WIRE
線種

 BOTTOM VIEW
裏面図

CONSTRUCTION
磁気構造図


RCH1216B

DIMENSIONS (mm)
外形寸法図

CONNECTION
端子接続

WIRE
線種

 BOTTOM VIEW
裏面図

CONSTRUCTION
磁気構造図


TYPE : RCH110B, RCH-114, RCH1216B

| Parts No. | L (H) | RCH110B | | | RCH-114 | | RCH1216B | | | | |
|-----------|-------|------------------------|---------------------------|------|---------------------------------|------------------------|---------------------------|---------------------------|------|---------------------------------|------|
| | | D.C.R.(Ω) : Max.(Typ.) | Saturation Current (A) *B | | Temperature Rise Current (A) *C | D.C.R.(Ω) : Max.(Typ.) | Saturation Current (A) *A | Saturation Current (A) *B | | Temperature Rise Current (A) *D | |
| | | | 20℃ | 100℃ | | | | 20℃ | 100℃ | | |
| 6R3 | 6.3μ | | | | 26m(20m) | 4.30 | | | | | |
| 7R5 | 7.5μ | | | | 29m(22m) | 4.20 | | | | | |
| 8R8 | 8.8μ | | | | 30m(23m) | 4.10 | | | | | |
| 100 | 10μ | 30m(24m) | 4.30 | 3.60 | 4.30 | 33m(25m) | 4.00 | 24m(19m) | 9.00 | 8.00 | 5.00 |
| 120 | 12μ | 33m(26m) | 4.10 | 3.20 | 4.20 | 35m(27m) | 3.90 | 26m(21m) | 7.80 | 7.00 | 4.60 |
| 150 | 15μ | 36m(29m) | 3.70 | 3.00 | 3.70 | 39m(30m) | 3.70 | 29m(23m) | 7.20 | 6.20 | 4.40 |
| 180 | 18μ | 38m(31m) | 3.40 | 2.80 | 3.60 | 47m(36m) | 3.50 | 33m(26m) | 6.75 | 5.80 | 4.20 |
| 220 | 22μ | 47m(37m) | 3.00 | 2.50 | 3.50 | 51m(39m) | 3.30 | 37m(29m) | 6.00 | 5.30 | 4.00 |
| 270 | 27μ | 51m(41m) | 2.90 | 2.30 | 3.40 | 57m(44m) | 3.10 | 41m(32m) | 5.50 | 4.80 | 3.80 |
| 330 | 33μ | 58m(46m) | 2.60 | 2.10 | 3.20 | 64m(49m) | 2.90 | 46m(36m) | 5.00 | 4.50 | 3.60 |
| 390 | 39μ | 63m(50m) | 2.40 | 1.90 | 3.10 | 74m(57m) | 2.70 | 49m(39m) | 4.70 | 4.10 | 3.30 |
| 470 | 47μ | 71m(57m) | 2.20 | 1.80 | 2.80 | 83m(64m) | 2.50 | 56m(44m) | 4.30 | 3.80 | 3.20 |
| 560 | 56μ | 78m(63m) | 2.00 | 1.60 | 2.70 | 104m(80m) | 2.30 | 87m(69m) | 4.10 | 3.70 | 2.70 |
| 680 | 68μ | 105m(84m) | 1.80 | 1.40 | 2.20 | 117m(90m) | 2.10 | 98m(78m) | 3.80 | 3.30 | 2.40 |
| 820 | 82μ | 120m(95m) | 1.60 | 1.30 | 2.10 | 130m(100m) | 1.90 | 107m(85m) | 3.20 | 2.90 | 2.25 |
| 101 | 100μ | 150m(107m) | 1.50 | 1.20 | 2.00 | 143m(110m) | 1.70 | 121m(96m) | 3.00 | 2.70 | 2.15 |
| 121 | 120μ | 180m(140m) | 1.30 | 1.00 | 1.70 | 195m(150m) | 1.50 | 134m(107m) | 2.85 | 2.60 | 2.05 |
| 151 | 150μ | 200m(160m) | 1.20 | 990m | 1.60 | 221m(170m) | 1.40 | 156m(124m) | 2.55 | 2.35 | 1.90 |
| 181 | 180μ | 280m(220m) | 1.10 | 870m | 1.40 | 260m(200m) | 1.30 | 206m(164m) | 2.20 | 2.05 | 1.65 |
| 221 | 220μ | 310m(242m) | 990m | 790m | 1.30 | 350m(270m) | 1.20 | 236m(188m) | 2.00 | 1.85 | 1.55 |
| 271 | 270μ | 360m(286m) | 870m | 700m | 1.20 | 390m(300m) | 1.10 | 320m(250m) | 1.85 | 1.70 | 1.40 |
| 331 | 330μ | 460m(370m) | 780m | 610m | 1.00 | 520m(400m) | 1.00 | 370m(290m) | 1.65 | 1.53 | 1.30 |
| 391 | 390μ | 580m(460m) | 720m | 590m | 920m | 570m(440m) | 920m | 480m(380m) | 1.55 | 1.35 | 1.05 |
| 471 | 470μ | 650m(520m) | 670m | 500m | 890m | 650m(500m) | 840m | 550m(440m) | 1.45 | 1.25 | 1.00 |
| 561 | 560μ | 890m(710m) | 590m | 480m | 750m | 790m(610m) | 750m | 620m(490m) | 1.36 | 1.18 | 950m |
| 681 | 680μ | 1.10(810m) | 540m | 450m | 690m | 960m(740m) | 690m | 790m(630m) | 1.20 | 1.06 | 820m |
| 821 | 820μ | 1.31(920m) | 520m | 410m | 660m | 1.22(940m) | 620m | 880m(700m) | 1.14 | 970m | 750m |
| 102 | 1.0m | 1.71(1.2) | 450m | 370m | 550m | 1.6(1.3) | 520m | 1.13(900m) | 1.00 | 800m | 650m |
| 122 | 1.2m | | | | | 2.2(1.8) | 460m | 1.25(1.00) | 890m | 760m | 610m |
| 152 | 1.5m | | | | | 2.5(2.0) | 410m | 1.52(1.26) | 850m | 700m | 540m |
| 182 | 1.8m | | | | | 2.9(2.3) | 360m | 1.93(1.60) | 760m | 630m | 460m |
| 222 | 2.2m | | | | | 3.2(2.6) | 320m | 2.52(2.10) | 650m | 570m | 410m |
| 272 | 2.7m | | | | | 3.7(3.0) | 290m | | | | |
| 332 | 3.3m | | | | | 5.0(4.0) | 270m | | | | |
| 392 | 3.9m | | | | | 5.6(4.5) | 250m | | | | |
| 472 | 4.7m | | | | | 7.4(5.9) | 230m | | | | |
| 562 | 5.6m | | | | | 8.2(6.6) | 210m | | | | |
| 682 | 6.8m | | | | | 11.9(9.5) | 190m | | | | |
| 822 | 8.2m | | | | | 14(11) | 170m | | | | |
| 103 | 10m | | | | | 16(13) | 160m | | | | |
| 123 | 12m | | | | | 21(17) | 150m | | | | |
| 153 | 15m | | | | | 24(19) | 140m | | | | |
| 183 | 18m | | | | | 27(22) | 130m | | | | |
| 223 | 22m | | | | | 34(27) | 120m | | | | |
| 273 | 27m | | | | | 39(31) | 110m | | | | |
| 333 | 33m | | | | | 51(41) | 100m | | | | |
| 393 | 39m | | | | | 58(46) | 90m | | | | |

Measuring Freq. (L) / インダクタンス測定周波数 (L)

| | |
|----------|---|
| RCH110B | 1kHz |
| RCH-114 | 6.3μH - 8.8μH (7.96MHz), 10μH - 39mH (1kHz) |
| RCH1216B | 1kHz |

Tolerance of Inductance / インダクタンス公差

| | |
|----------|--|
| RCH110B | 10μH - 27μH ± 20% (M), 33μH - 1.0mH ± 10% (K) |
| RCH-114 | 6.3μH - 8.8μH ± 20% (M), 10μH - 39mH ± 10% (K) |
| RCH1216B | 10μH - 47μH ± 20% (M), 56μH - 2.2mH ± 10% (K) |

Other / その他

- *A The rated current indicates the current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current when the temperature of coils increased by 40°C. The smaller one is defined as rated current. (Ta=20°C)
- *B Saturation Current : This indicates the value of D.C. current when the inductance decreases to 90% of its initial value.
- *C Temperature Rise Current : The actual current when temperature of coil becomes ΔT=40°C. (Ta=20°C)
- *D Temperature Rise Current : The current when temperature of coil becomes ΔT=40°C. (Ta=20°C)
- *A 直流量許容電流 : 直流量を流した時、インダクタンスが初期値の-10%となる電流値もしくは、コイルの発熱が、ΔT=40°Cとなる電流のどちらか少ない方の値とする。(Ta=20°C)
- *B 直流量許容電流 : 直流量を流した時、インダクタンスが初期値の-10%となる電流値とする。
- *C 温度上昇実力電流 : 直流量を流した時、コイルの温度上昇がΔT=40°Cとなる電流の実力値とする。(Ta=20°C)
- *D 温度上昇許容電流 : 直流量を流した時、コイルの温度上昇がΔT=40°Cとなる電流値。(Ta=20°C)

・ To order a product, please add * NP * after the product type
 e.g. Ordering code : Type name NP △△△○×
 ・ ご注文の際は製品タイプ名の後に "NP" を付けて下さい。

Ordering Code / 品名表記法

RCH110BNP - △△△○

△ : Parts No. ○ : Tolerance of inductance
 K (10%)
 M (20%)