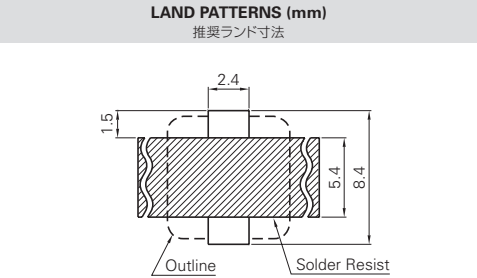
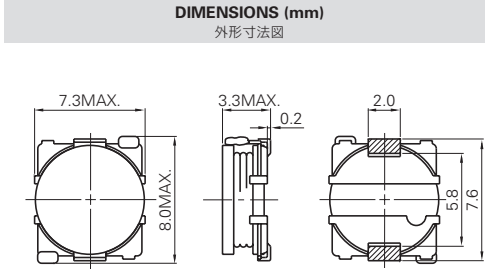


CDH73

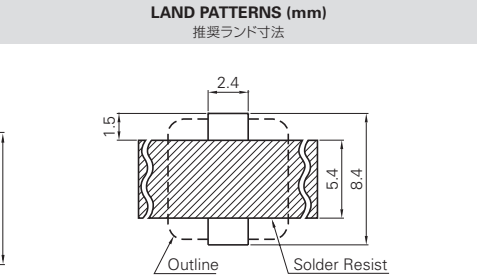
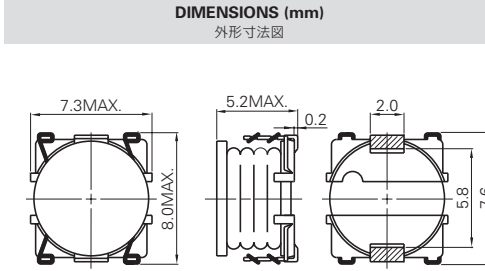


CONSTRUCTION
磁気構造図



* In order to prevent short-circuiting, a solder resist is recommended.
* ショート防止の為、ソルダレジスト推奨

CDH74

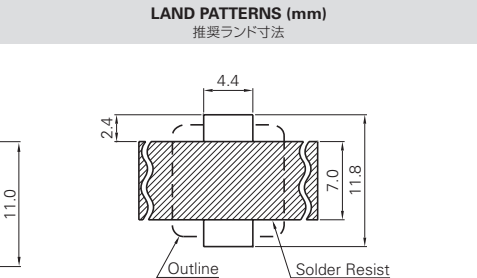
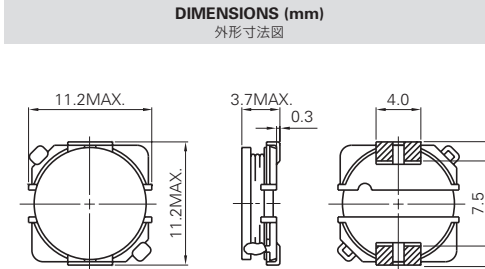


CONSTRUCTION
磁気構造図



* In order to prevent short-circuiting, a solder resist is recommended.
* ショート防止の為、ソルダレジスト推奨

CDH113

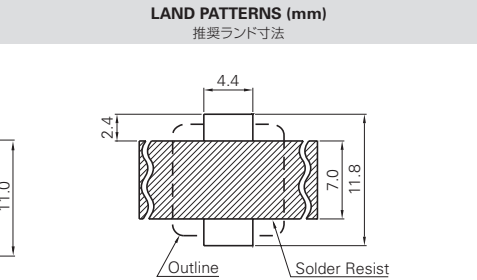
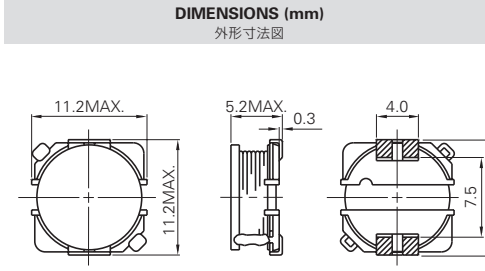


CONSTRUCTION
磁気構造図



* In order to prevent short-circuiting, a solder resist is recommended.
* ショート防止の為、ソルダレジスト推奨

CDH115



CONSTRUCTION
磁気構造図



* In order to prevent short-circuiting, a solder resist is recommended.
* ショート防止の為、ソルダレジスト推奨

TYPE : CDH73, CDH74, CDH113, CDH115

| Parts No. | L (H) | CDH73 | | CDH74 | | CDH113 | | CDH115 | |
|-----------|-------|---------------------------|-------------------------|---------------------------|-------------------------|---------------------------|-------------------------|---------------------------|-------------------------|
| | | D.C.R.(Ω) : Max.(Typ.) | Rated Current (A) *1 | D.C.R.(Ω) : Max.(Typ.) | Rated Current (A) *1 | D.C.R.(Ω) : Max.(Typ.) | Rated Current (A) *1 | D.C.R.(Ω) : Max.(Typ.) | Rated Current (A) *1 |
| 100 | 10μ | 77m(59m) | 1.20 | 56m(43m) | 2.75 | 47m(36m) | 2.00 | 28m(22m) | 3.00 |
| 120 | 12μ | 92m(71m) | 1.05 | 65m(50m) | 2.45 | 56m(43m) | 1.80 | 33m(25m) | 2.80 |
| 150 | 15μ | 110m(87m) | 1.00 | 83m(64m) | 2.10 | 72m(56m) | 1.55 | 39m(30m) | 2.50 |
| 180 | 18μ | 130m(100m) | 900m | 94m(72m) | 1.95 | 78m(60m) | 1.45 | 49m(38m) | 2.25 |
| 220 | 22μ | 180m(140m) | 810m | 130m(100m) | 1.70 | 98m(75m) | 1.25 | 60m(46m) | 2.10 |
| 270 | 27μ | 210m(160m) | 750m | 160m(120m) | 1.55 | 110m(87m) | 1.16 | 70m(54m) | 1.84 |
| 330 | 33μ | 240m(190m) | 660m | 170m(130m) | 1.45 | 150m(110m) | 1.05 | 82m(63m) | 1.68 |
| 390 | 39μ | 280m(210m) | 590m | 210m(160m) | 1.30 | 170m(130m) | 970m | 110m(85m) | 1.52 |
| 470 | 47μ | 350m(270m) | 560m | 230m(180m) | 1.20 | 220m(170m) | 910m | 130m(100m) | 1.36 |
| 560 | 56μ | 400m(310m) | 510m | 260m(200m) | 1.15 | 240m(190m) | 800m | 140m(110m) | 1.28 |
| 680 | 68μ | 510m(390m) | 470m | 350m(270m) | 1.00 | 280m(210m) | 760m | 160m(120m) | 1.20 |
| 820 | 82μ | 600m(460m) | 410m | 480m(370m) | 920m | 380m(290m) | 660m | 210m(160m) | 1.04 |
| 101 | 100μ | 700m(540m) | 370m | 550m(420m) | 810m | 430m(330m) | 610m | 260m(200m) | 960m |
| 121 | 120μ | 890m(690m) | 350m | 620m(480m) | 730m | 490m(380m) | 560m | 290m(220m) | 880m |
| 151 | 150μ | 1.04(800m) | 310m | 720m(550m) | 710m | 610m(470m) | 490m | 400m(310m) | 760m |
| 181 | 180μ | 1.22(940m) | 280m | 820m(630m) | 660m | 750m(580m) | 450m | 450m(350m) | 720m |
| 221 | 220μ | 1.63(1.30) | 260m | 1.08(830m) | 550m | 900m(690m) | 430m | 530m(400m) | 660m |
| 271 | 270μ | | | 1.38(1.10) | 480m | 1.13(870m) | 370m | 730m(560m) | 590m |
| 331 | 330μ | | | 1.55(1.24) | 400m | 1.28(1.02) | 340m | 840m(650m) | 530m |
| 391 | 390μ | | | 2.09(1.67) | 380m | 1.60(1.28) | 310m | 1.10(840m) | 480m |
| 471 | 470μ | | | 2.39(1.91) | 330m | 1.88(1.50) | 290m | 1.24(960m) | 450m |

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

CDH73 1kHz
 CDH74 1kHz
 CDH113 1kHz
 CDH115 1kHz

Tolerance of Inductance / インダクタンス公差

CDH73 10μH - 12μH ± 20% (M), 15μH - 27μH ± 15% (L), 33μH - 220μH ± 10% (K)
 CDH74 10μH - 22μH ± 15% (L), 27μH - 68μH ± 10% (K), 82μH - 470μH ± 5% (J)
 CDH113 10μH - 22μH ± 20% (M), 27μH - 47μH ± 15% (L), 56μH - 470μH ± 10% (K)
 CDH115 10μH - 15μH ± 20% (M), 18μH - 33μH ± 15% (L), 39μH - 470μH ± 10% (K)

Rated Current / 定格電流とは

*1 It is either the inductance is 10% lower than its initial value in D.C. saturation characteristics or temperature raise becomes ΔT=40°C (Ta=20°C), whichever is lower.
 *1 直流重畳特性において、定格電流を流した時、インダクタンスが初期値の90%以上となる電流値もしくは、コイルの発熱が、ΔT=40°C以下となる電流のどちらか少ない方の値とする。(Ta=20°C)

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- ・ Lead-free products are now available for sale
- ・ To order a lead-free product, please add "NP" after the product type:
- ・ 無鉛製品は現在、販売されております。
- ・ ご注文の際は製品タイプ名の後に "NP" をつけてください。
 e.g. Ordering code of lead product: Type name-△△△○×
 Ordering code of lead-free product: Type name NP △△△○×