# SMD---UNSHIELDED POWER INDUCTOR (SCD Series)

### SCD Series - Low Cost/ Customer Design

Various high power surface mountable type inductors are superior to high saturation. These are also magnetic shielded type for consideration against radiation.

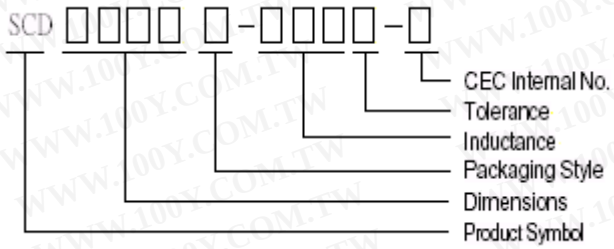

## Feature

- **High saturation for surface mounting**

## Applications

- **VRT, OA equipment, LCD television sets, notebook computers, portable communications equipment, DC/DC converters, etc.**

## Product Identification

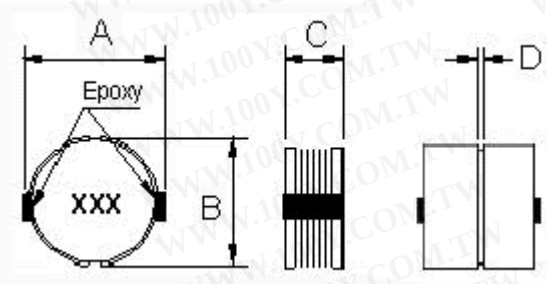





- Packaging: T: Tape and Reel
  - Tolerance: K= ±10%; M= ±20%
  - NOTE: CHILISIN has released lead-free products of SCD series which are RoHS compliant, and CEC Internal No will be changed to "N" as identification. Ex. SCD0403T-1R0-N.

## Shapes and Dimensions

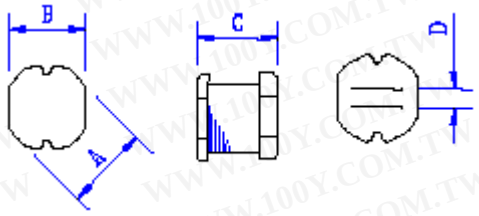
**SCD 0301**



Unit: mm

| TYPE | A | B | C | D |
|---|---|---|---|---|
| SCD 0301 | 3.5 Max. | 3.0 Max. | 1.0 Max. | 0.6 TYP. |

## SCD 03011 ~ 1006

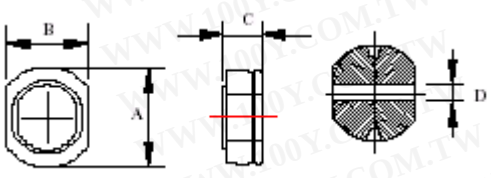





Unit: mm

| TYPE | A | B | C | D |
|---|---|---|---|---|
| SCD 03011 ***NEW!!*** | 3.5±0.3 | 3.0±0.3 | 1.1±0.3 | 0.1 TYP |
| SCD 03015 | 3.3±0.3 | 3.0±0.3 | 1.5±0.3 | 1.0 TYP |
| SCD 03021 | 3.3±0.3 | 3.0±0.3 | 2.1±0.3 | 1.0 TYP |
| SCD 0403 | 4.5±0.3 | 4.0±0.3 | 3.2±0.3 | 1.2 |
| SCD 0501 | 5.8±0.3 | 5.2±0.3 | 2.2 Max | 2.0 TYP |
| SCD 0502 | 5.8±0.3 | 5.2±0.3 | 2.5±0.3 | 2.0 TYP |
| SCD 0503 | 5.8±0.3 | 5.2±0.3 | 3.0±0.3 | 2.0 TYP |
| SCD 0504 | 5.8±0.3 | 5.2±0.3 | 4.5±0.4 | 1.3 |
| SCD 0703 | 7.8±0.3 | 7.0±0.3 | 3.5±0.5 | 2.1 |
| SCD 0705 | 7.8±0.3 | 7.0±0.3 | 5.0±0.5 | 2.1 |
| SCD 1004 | 10.0±0.3 | 9.0±0.3 | 4.0±0.5 | 2.1 |
| SCD 1005 | 10.0±0.4 | 9.0±0.4 | 5.4±0.4 | 2.1 |
| SCD 1006 ***NEW!!*** | 10.0±0.4 | 9.0±0.4 | 6.5±0.4 | 2.1 |

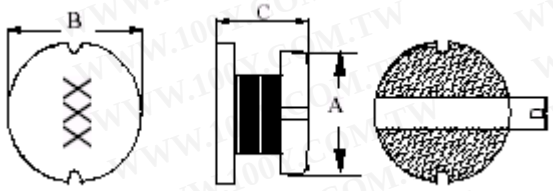
## SCDR 105B



Unit: mm

| TYPE | A | B | C | D |
|---|---|---|---|---|
| SCDR 105B | 10.0±0.4 | 9.0±0.4 | 5.0±0.5 | 2.5 |

## SCD 1307





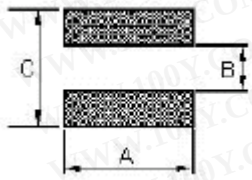

Unit: mm

| TYPE | A | B | C | D |
|---|---|---|---|---|
| SCD 1307 ***NEW!!*** | 13.0±0.5 | 13.0±0.5 | 7.0±0.3 | 5 TYP |

## Recommended Pattern

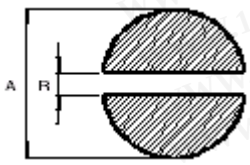
### SCD 0301/ 1307

Unit: mm




| TYPE | A | B | C |
|---|---|---|---|
| **SCD 0301** | 2.9 | 1.5 | 2.9 |
| SCD 03011 | 4.5 | 1.5 | _ |
| SCD 03015 | 4.5 | 1.0 | _ |
| SCD 03021 | 4.5 | 1.0 | _ |
| SCD 0403 | 5.5 | 1.2 | _ |
| SCD 0501 | 6.8 | 2.0 | _ |
| SCD 0502 | 6.8 | 2.0 | _ |
| SCD 0503 | 6.8 | 2.0 | _ |
| SCD 0504 | 6.8 | 1.3 | _ |
| SCD 0703 | 8.8 | 2.1 | _ |
| SCD 0705 | 8.8 | 2.1 | _ |
| SCD 1004 | 11 | 2.1 | _ |
| SCD 1005 | 11 | 2.1 | _ |
| SCD1006 | 11 | 2.1 | _ |
| SCDR 105B | 10 | 2.5 | _ |
| SCD 1307 | 14 | 4.5 | 14 |

### SCD 03011 ~ SCDR105B



## Standard Specifications

| Stamp | Inductance (㎶H) | D.C.R (Ω) Max. | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | SCD 0301 | SCD 03011 | SCD 03015 | SCD 03021 | SCD 0403 | SCD 0501 | SCD 0502 | SCD 0503 | SCD 0504 | SCD 0703 | SCD 0705 | SCD 1004 | SCD 1005 | SCD 1006 | SCDR 105B | SCD 1307 |
| 1R0 | 1.0 | | 0.084 | | 0.07 | 0.033 | 0.034 | 0.03 | 0.03 | | | | | | | | |
| 1R2 | 1.2 | | | | | | | | 0.03 | | | | | | | | |
| 1R4 | 1.4 | | | | 0.09 | 0.038 | 0.048 | 0.04 | | | | 0.02 | | | | | |
| 1R5 | 1.5 | | 0.126 | | | | | | 0.03 | | | | | | | | |
| 1R8 | 1.8 | | | | 0.11 | 0.042 | 0.062 | 0.05 | 0.03 | | | 0.02 | | | | | |
| 2R2 | 2.2 | 0.33 | 0.18 | 0.10 ±30% | 0.13 | 0.047 | 0.064 | 0.06 | 0.03 | | | | | | | | |
| 2R7 | 2.7 | | | | 0.14 | 0.052 | 0.078 | 0.07 | 0.04 | | | 0.02 | | | | | |
| 3R3 | 3.3 | 0.52 | 0.27 | | 0.17 | 0.058 | 0.097 | 0.08 | 0.05 | | | | | | | | |
| 3R9 | 3.9 | | 0.32 | | 0.19 | 0.076 | 0.105 | 0.09 | 0.06 | | | 0.03 | | | | | |
| 4R7 | 4.7 | 0.62 | 0.33 | 0.15 ±30% | 0.21 | 0.094 | 0.134 | 0.14 | 0.07 | | | 0.04 | | 0.040 | | | |
| 5R6 | 5.6 | | 0.48 | | 0.22 | 0.101 | 0.170 | 0.15 | 0.08 | | | 0.04 | | | | | |
| 6R8 | 6.8 | 0.87 | 0.56 | | 0.25 | 0.117 | 0.187 | 0.16 | 0.09 | | | 0.04 | | 0.037 | | | |
| 8R2 | 8.2 | 1.00 | 0.62 | | 0.28 | 0.132 | 0.225 | 0.17 | 0.10 | | | 0.05 | | | | | |
| 100 | 10 | 1.14 | 0.90 | 0.30 ±30% | 0.32 | 0.182 | 0.255 | 0.18 | 0.12 | 0.10 | 0.08 | 0.07 | 0.05 | 0.060 | | 0.06 | |
| 120 | 12 | 1.44 | 1.00 | | 0.35 | 0.210 | 0.292 | 0.20 | 0.13 | 0.12 | 0.09 | 0.08 | 0.06 | 0.070 | | 0.07 | |
| 150 | 15 | 1.60 | 1.10 | 0.58 ±30% | 0.40 | 0.235 | 0.360 | 0.22 | 0.15 | 0.14 | 0.10 | 0.09 | 0.07 | 0.080 | | 0.07 | |
| 180 | 18 | | 1.24 | | 0.48 | 0.338 | 0.430 | 0.25 | 0.18 | 0.15 | 0.11 | 0.10 | 0.08 | 0.090 | | 0.08 | 0.036 |
| 220 | 22 | 1.90 | 1.40 | 0.71 ±30% | 0.58 | 0.378 | 0.492 | 0.35 | 0.22 | 0.18 | 0.13 | 0.11 | 0.09 | 0.100 | | 0.08 | 0.047 |
| 270 | 27 | 2.85 | 2.18 | | 0.65 | 0.522 | 0.603 | 0.45 | 0.26 | 0.20 | 0.15 | 0.12 | 0.10 | 0.110 | | 0.10 | 0.060 |
| 330 | 33 | | 2.54 | 1.10 ±30% | 0.80 | 0.540 | 0.796 | 0.56 | 0.33 | 0.23 | 0.17 | 0.13 | 0.12 | 0.120 | | 0.11 | 0.065 |
| 390 | 39 | | 2.80 | | 0.90 | 0.587 | 0.897 | 0.69 | 0.42 | 0.32 | 0.22 | 0.16 | 0.15 | 0.140 | | 0.12 | 0.075 |
| 470 | 47 | | 3.10 | 1.30 ±30% | 1.19 | 0.844 | 1.020 | 0.72 | 0.50 | 0.37 | 0.25 | 0.18 | 0.17 | 0.170 | | 0.14 | 0.082 |
| 500 | 50 | | 3.20 | | 1.22 | | 1.040 | | | | | | | | | | |
| 560 | 56 | | 3.50 | | 1.27 | 0.937 | 1.164 | 0.84 | 0.55 | 0.42 | 0.28 | 0.24 | 0.20 | 0.190 | | 0.19 | 0.095 |
| 680 | 68 | | 5.80 | 2.20 ±30% | 1.73 | 1.117 | 1.220 | 0.90 | 0.65 | 0.46 | 0.33 | 0.28 | 0.22 | 0.220 | | 0.21 | 0.12 |
| 750 | 75 | | 6.10 | | 1.90 | | 1.340 | | | | | | | | | | |
| 820 | 82 | | 6.60 | | 1.99 | | 1.570 | 1.20 | 0.80 | 0.60 | 0.41 | 0.37 | 0.25 | 0.25 | | 0.28 | 0.14 |
| 101 | 100 | | | 3.50 ±30% | 2.52 | 2.000 | 1.800 | 1.30 | 0.90 | 0.70 | 0.48 | 0.43 | 0.34 | 0.35 | | 0.34 | 0.18 |
| 121 | 120 | | | | 2.90 | | 2.000 | 1.38 | 1.00 | 0.93 | 0.54 | 0.47 | 0.40 | 0.40 | | 0.37 | 0.21 |
| 151 | 150 | | | | 3.36 | | 2.80 | 1.81 | 1.30 | 1.10 | 0.75 | 0.64 | 0.54 | 0.47 | | 0.51 | 0.25 |
| 181 | 180 | | | | 5.10 | | 3.15 | 1.95 | 1.50 | 1.38 | 1.02 | 0.71 | 0.62 | 0.63 | | 0.57 | 0.28 |
| 221 | 220 | | | | 5.80 | | 4.40 | 3.00 | 2.00 | 1.57 | 1.20 | 0.96 | 0.72 | 0.73 | | 0.78 | 0.36 |
| 271 | 270 | | | | 7.80 | | 6.40 | 3.20 | 2.50 | 1.85 | 1.31 | 1.11 | 0.95 | 0.97 | | 0.87 | 0.41 |
| 301 | 300 | | | | 8.10 | | 6.75 | | | | | | | | | | 0.52 |
| 331 | 330 | | | | 9.24 | | 7.20 | 3.82 | 3.20 | 2.00 | 1.50 | 1.26 | 1.10 | 1.15 | | 1.20 | |
| 391 | 390 | | | | 10.14 | | 8.40 | 4.68 | 3.50 | 2.60 | | 1.77 | 1.24 | 1.30 | | 1.34 | 0.60 |
| 461 | 460 | | | | 11.15 | | 12.0 | | | | | | | | | | |
| 471 | 470 | | | | 11.48 | | 12.4 | 5.10 | 4.20 | 3.00 | | 1.96 | 1.53 | 1.48 | | 1.50 | 0.72 |
| 561 | 560 | | | | 19.49 | | 13.0 | 8.50 | 4.50 | 4.19 | | | 1.90 | 1.90 | | | 0.88 |
| 681 | 680 | | | | 22.00 | | 17.0 | 10.0 | 6.50 | 4.44 | | | | 2.25 | | | 1.0 |
| 821 | 820 | | | | 23.98 | | 19.5 | 12.0 | 7.50 | 5.12 | | | | 2.55 | | | 1.30 |
| 102 | 1000 | | | | 28.80 | | 24.0 | 18.0 | 8.00 | 10.00 | | | | | | | 1.60 |
| 122 | 1200 | | | 38 ±30% | | | | | | | | | | | | | |
| 152 | 1500 | | | 55 ±30% | | | | | | | | | | | | | |
| 602 | 6000 | | | | | | | | | | | | | | 14 | | |
| 822 | 8200 | | | | | | | | | | | | | | 50 | | |

Test Freq.(L): SCD0301: 0.1V/100KHz SCD03011: (100KHz/1V) SCD03015: (1MHz/1V)
SCD03021/0403/0501/0502/ 0503: 1.0 ~ 8.2µH(7.96MHz/1V), 10 ~ 82µH (2.52MHz/1V), 100 ~ 1000µH (1kHz/1V).
SCD0504/0703/0705/1004: 1.0 ~ 8.2µH(7.96MHz/1V), 10 ~ 82µH (2.52MHz/1V), 100 ~ 1000µH (1kHz/1V).
SCD1005/1006: 1.0 ~ 8.2µH(7.96MHz/1V), 10 ~ 82µH (2.52MHz/1V), 100 ~ 1000µH (1kHz/1V).
SCDR105B: 10~88µH(2.52MHz/1V); 100~470uH (KHz/ 0.25V)
SCD1307: 18~68µH (2.52MHz/ 0.1V); 100~1000µH (0.796MHz/ 0.1V)

Test Instrument: L: HP 4192A; DCR: CHEN HWA 502BC; Rated D.C. Current: HP4284+42841A or CH1061+CH301A

## Standard Specifications

| Stamp | Inductance (㎐H) | Rated D.C. Current (A) Max. | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | SCD 0301 | SCD 03011 | SCD0 3015 | SCD 03021 | SCD 0403 | SCD 0501 | SCD 0502 | SCD 0503 | SCD 0504 | SCD 0703 | SCD 0705 | SCD 1004 | SCD 1005 | SCD 1006 | SCD 105B | SCD 1307 |
| 1R0 | 1.0 | | 1.80 | | 2.080 | 3.80 | 4.00 | 4.50 | 4.50 | | | | | | | | |
| 1R2 | 1.2 | | | | | | | | 4.20 | | | | | | | | |
| 1R4 | 1.4 | | | | 1.860 | 3.30 | 3.60 | 4.00 | | | | 3.70 | | | | | |
| 1R5 | 1.5 | | 1.44 | | | | | | 4.10 | | | | | | | | |
| 1R8 | 1.8 | | | | 1.800 | 2.91 | 3.00 | 3.30 | 3.70 | | | 3.70 | | | | | |
| 2R2 | 2.2 | 1.08 | 1.26 | 0.79 | 1.390 | 2.60 | 2.65 | 2.94 | 3.50 | | | | | | | | |
| 2R7 | 2.7 | | | | 1.320 | 2.43 | 2.20 | 2.50 | 3.20 | | | 3.70 | | | | | |
| 3R3 | 3.3 | 0.92 | 1.08 | | 1.250 | 2.15 | 2.11 | 2.35 | 2.80 | | | | | | | | |
| 3R9 | 3.9 | | 1.00 | | 1.200 | 1.98 | 2.00 | 2.20 | 2.60 | | | 3.70 | | | | | |
| 4R7 | 4.7 | 0.74 | 0.90 | 0.65 | 1.130 | 1.70 | 1.80 | 2.00 | 2.50 | | | 3.50 | | 2.60 | | | |
| 5R6 | 5.6 | | 0.76 | | 0.910 | 1.60 | 1.60 | 1.80 | 2.40 | | | 3.30 | | | | | |
| 6R8 | 6.8 | 0.63 | 0.68 | | 0.850 | 1.41 | 1.50 | 1.70 | 2.20 | | | 3.10 | | 4.33 | | | |
| 8R2 | 8.2 | 0.58 | 0.63 | | 0.820 | 1.26 | 1.30 | 1.40 | 2.00 | | | 2.70 | | | | | |
| 100 | 10 | 0.50 | 0.56 | 0.45 | 0.740 | 1.15 | 1.10 | 1.20 | 1.80 | 1.44 | 1.44 | 2.30 | 2.38 | 2.60 | | 2.06 | |
| 120 | 12 | 0.46 | 0.52 | | 0.640 | 1.05 | 1.05 | 1.18 | 1.75 | 1.40 | 1.39 | 2.00 | 2.13 | 2.45 | | 1.94 | |
| 150 | 15 | 0.43 | 0.50 | 0.30 | 0.600 | 0.92 | 1.00 | 1.15 | 1.70 | 1.30 | 1.24 | 1.80 | 1.87 | 2.27 | | 1.72 | |
| 180 | 18 | | 0.46 | | 0.540 | 0.84 | 0.95 | 1.10 | 1.60 | 1.23 | 1.12 | 1.60 | 1.73 | 2.15 | | 1.58 | |
| 220 | 22 | 0.35 | 0.36 | 0.25 | 0.500 | 0.76 | 0.90 | 1.00 | 1.50 | 1.11 | 1.07 | 1.50 | 1.60 | 1.95 | | 1.42 | |
| 270 | 27 | 0.32 | 0.30 | | 0.430 | 0.71 | 0.77 | 0.86 | 1.40 | 0.97 | 0.94 | 1.30 | 1.44 | 1.76 | | 1.32 | |
| 330 | 33 | | 0.28 | 0.20 | 0.400 | 0.64 | 0.68 | 0.76 | 1.10 | 0.88 | 0.85 | 1.20 | 1.26 | 1.50 | | 1.16 | |
| 390 | 39 | | 0.26 | | 0.370 | 0.59 | 0.67 | 0.75 | 1.00 | 0.80 | 0.74 | 1.10 | 1.20 | 1.37 | | 1.10 | |
| 470 | 47 | | 0.25 | 0.17 | 0.360 | 0.54 | 0.66 | 0.73 | 0.90 | 0.72 | 0.68 | 1.10 | 1.10 | 1.28 | | 1.00 | |
| 500 | 50 | | 0.24 | | 0.330 | | 0.61 | | | | | | | | | | |
| 560 | 56 | | 0.23 | | 0.310 | 0.50 | 0.50 | 0.55 | 0.85 | 0.68 | 0.64 | 0.94 | 1.01 | 1.17 | | 0.93 | |
| 680 | 68 | | 0.20 | 0.13 | 0.300 | 0.460 | 0.47 | 0.52 | 0.80 | 0.61 | 0.59 | 0.85 | 0.91 | 1.11 | | 0.85 | |
| 750 | 75 | | 0.18 | | 0.290 | | 0.46 | | | | | | | | | | |
| 820 | 82 | | 0.17 | | 0.280 | | 0.45 | 0.50 | 0.65 | 0.58 | 0.54 | 0.78 | 0.85 | 1.00 | | 0.79 | |
| 101 | 100 | | | 0.10 | 0.250 | 0.40 | 0.36 | 0.40 | 0.60 | 0.52 | 0.51 | 0.72 | 0.74 | 0.97 | | 0.72 | |
| 121 | 120 | | | | 0.200 | | 0.32 | 0.36 | 0.58 | 0.48 | 0.49 | 0.66 | 0.69 | 0.89 | | 0.63 | |
| 151 | 150 | | | | 0.190 | | 0.270 | 0.30 | 0.43 | 0.40 | 0.40 | 0.58 | 0.61 | 0.78 | | 0.55 | |
| 181 | 180 | | | | 0.170 | | 0.230 | 0.26 | 0.41 | 0.38 | 0.36 | 0.51 | 0.56 | 0.72 | | 0.50 | |
| 221 | 220 | | | | 0.160 | | 0.220 | 0.25 | 0.38 | 0.35 | 0.31 | 0.49 | 0.53 | 0.66 | | 0.47 | |
| 271 | 270 | | | | 0.140 | | 0.190 | 0.21 | 0.35 | 0.29 | 0.29 | 0.42 | 0.45 | 0.57 | | 0.41 | |
| 301 | 300 | | | | 0.135 | | 0.180 | | | | | | | | | | |
| 331 | 330 | | | | 0.130 | | 0.16 | 0.18 | 0.28 | 0.28 | 0.28 | 0.40 | 0.42 | 0.52 | | 0.37 | |
| 391 | 390 | | | | 0.120 | | 0.150 | 0.16 | 0.26 | 0.26 | | 0.36 | 0.38 | 0.48 | | 0.35 | |
| 461 | 460 | | | | 0.090 | | 0.140 | | | | | | | | | | |
| 471 | 470 | | | | 0.084 | | 0.135 | 0.15 | 0.20 | 0.12 | | 0.34 | 0.35 | 0.42 | | 0.33 | |
| 561 | 560 | | | | 0.080 | | 0.130 | 0.14 | 0.19 | 0.10 | | | 0.32 | 0.33 | | | |
| 681 | 680 | | | | 0.080 | | 0.120 | 0.13 | 0.18 | 0.08 | | | | 0.28 | | | |
| 821 | 820 | | | | 0.070 | | 0.063 | 0.07 | 0.15 | 0.05 | | | | 0.24 | | | |
| 102 | 1000 | | | | 0.060 | | 0.045 | 0.05 | 0.13 | 0.03 | | | | | | | |
| 122 | 1200 | | | 0.05 | | | | | | | | | | | | | |
| 152 | 1500 | | | 0.03 | | | | | | | | | | | | | |
| 602 | 6000 | | | | | | | | | | | | | | 0.27 | | |
| 822 | 8200 | | | | | | | | | | | | | | 0.20 | | |

**Tolerance Of Inductors**

- SCD0301 2.2uH ~ 27uH ± 20%
- SCD03011 1.0 ~ 82µH ± 20%
- SCD03015 1.0 ~ 100µH ± 20%
- SCD03021 1.0 ~ 1000µH ± 20%
- SCD0403 1.0 ~ 27µH ± 20% 33 ~ 68µH ±10%
- SCD0504 10 ~ 27µH ± 20% 33 ~ 47µH ±15% 56 ~ 220µH ±10%
- SCD0703 10 ~ 47µH ± 20% 56 ~ 330µH ±10%
- SCD0705 10 ~ 470µH ± 10%
- SCD1004 10 ~ 47µH ± 20% 56 ~ 560µH ±10%
- SCD1005 10 ~ 39µH ± 20% 47 ~ 820µH ±10%

- SCD0501 1.0 ~ 27μH ± 20% 33 ~ 1000μH ±10%
- SCD0502 1.0 ~ 27μH ± 20% 33 ~ 1000μH ±10%
- SCD1307 18~27μH ± 20% .39~1000μH±10%
- SCD1006 6000~8200±20%
- SCDR105B 10 ~ 27μH ± 20% 33 ~ 82μH ±15% 100~4700uH±10%

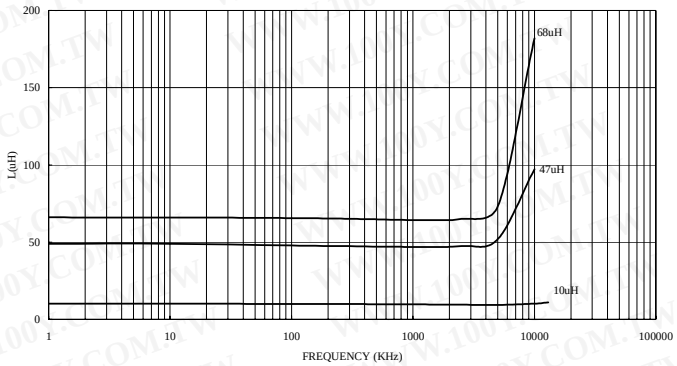
※ This indicates the value of current when the inductance is 10% lower than its initial value at D.C superposition or D.C current when at △t = 40° whichever is lower

## Curves of SCD Series

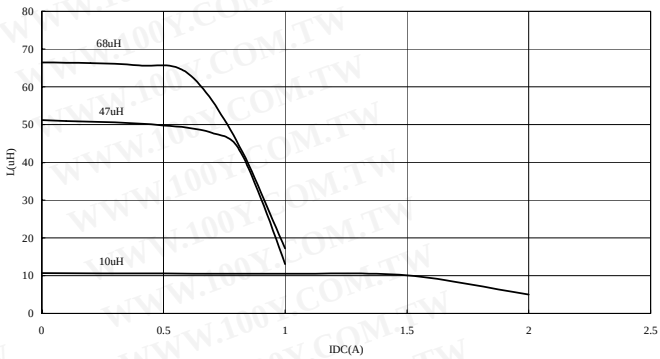
**Test Instruments**：HP4291A Impedance / Material Analyzer

### SCD0403

INDUCTANCE vs. FREQUENCY CHARACTERISTICS

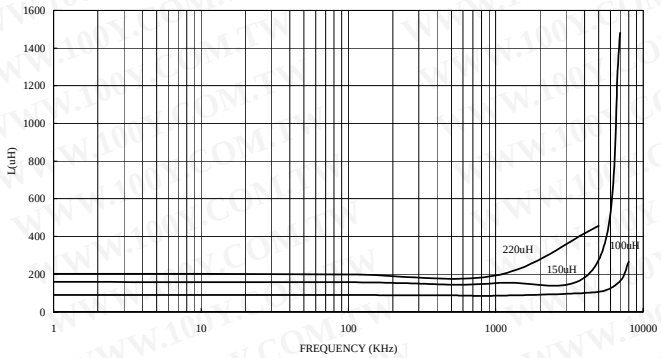



INDUCTANCE vs. IDC CHARACTERISTICS

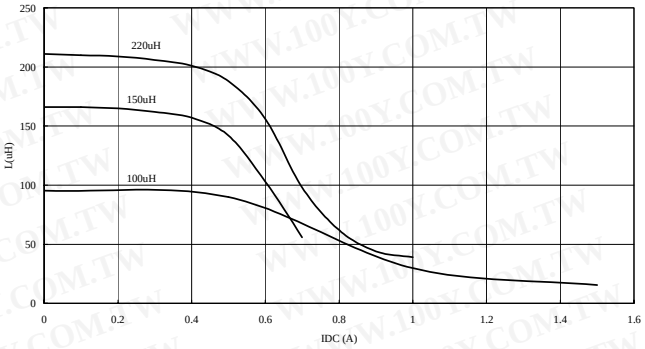



### SCD0504

INDUCTANCE vs. FREQUENCY CHARACTERISTICS

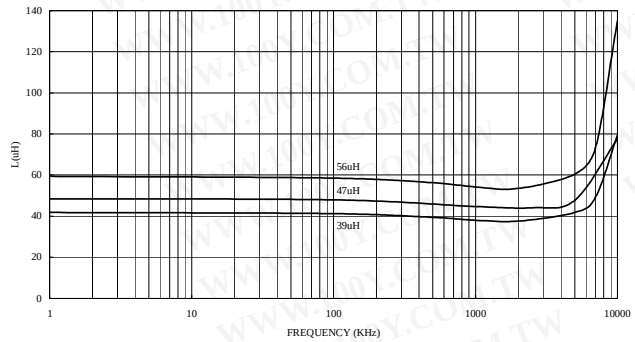



INDUCTANCE vs. IDC CHARACTERISTICS

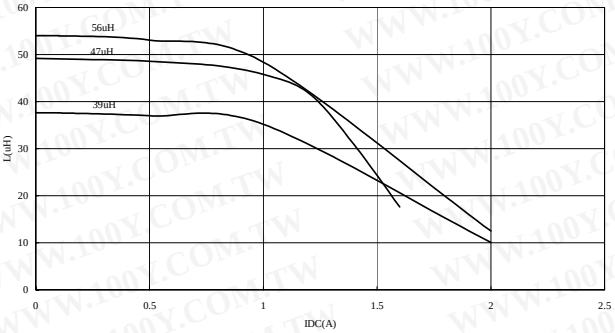



### SCD0703

INDUCTANCE vs. FREQUENCY CHARACTERISTICS



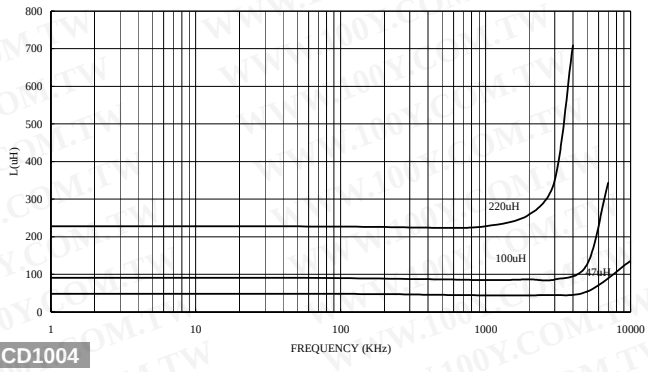

INDUCTANCE vs. IDC CHARACTERISTICS



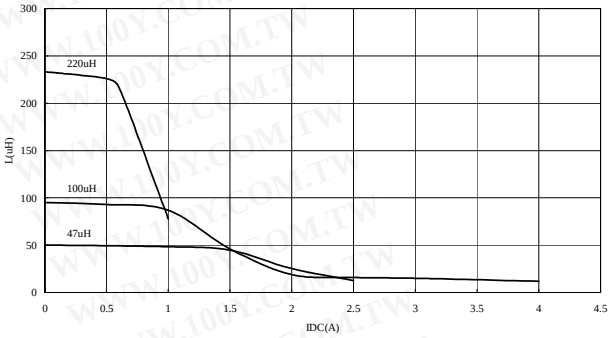
**Test Instruments**：HP4291A Impedance / Material Analyzer

## SCD0705

INDUCTANCE vs. FREQUENCY CHARACTERISTICS

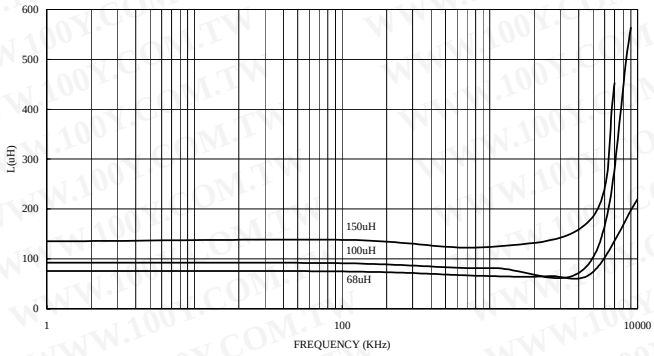



INDUCTANCE vs. IDC CHARACTERISTICS

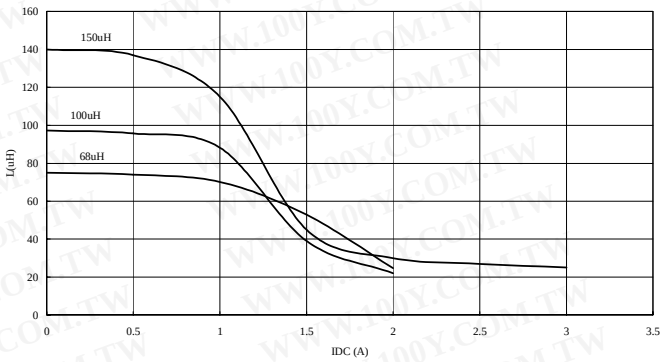



## SCD1004

INDUCTANCE vs. FREQUENCY CHARACTERISTICS

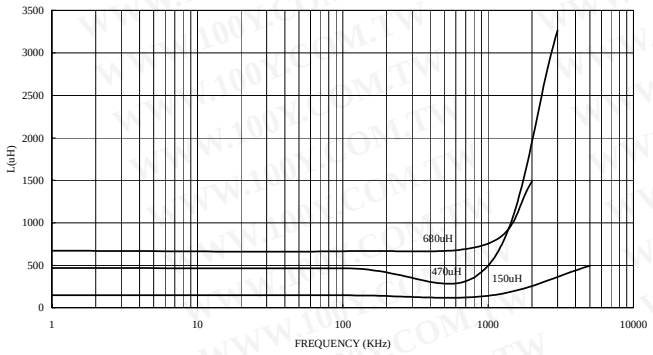



INDUCTANCE vs. IDC CHARACTERISTICS

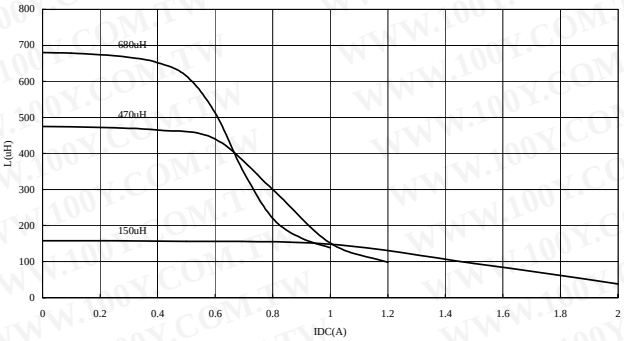



## SCD1005

INDUCTANCE vs. FREQUENCY CHARACTERISTICS

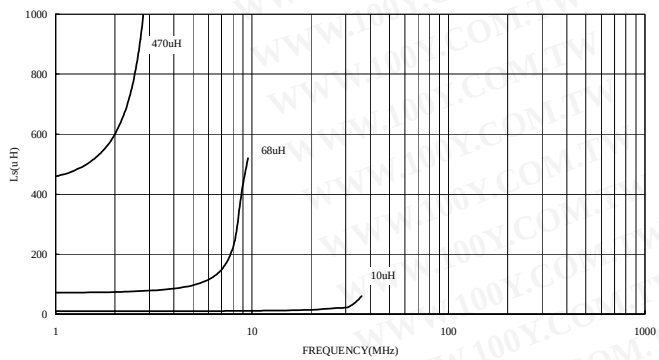



INDUCTANCE vs. IDC CHARACTERISTICS

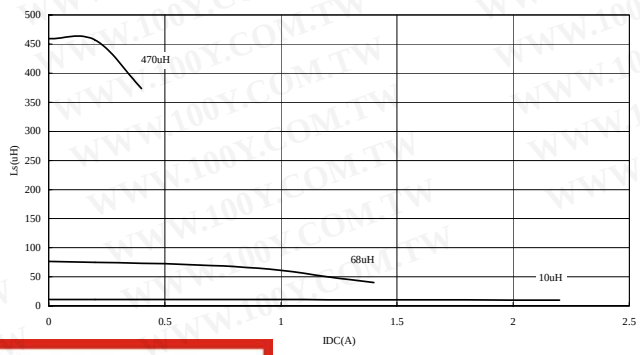



## SCDR105B

INDUCTANCE vs. FREQUENCY CHARACTERISTICS



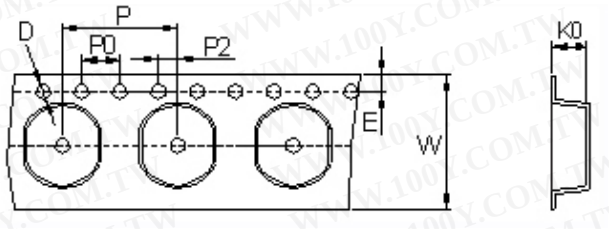

INDUCTANCE vs. IDC CHARACTERISTICS



## Packaging Specifications

### Tape Dimensions

Figure 1




### Tape Material

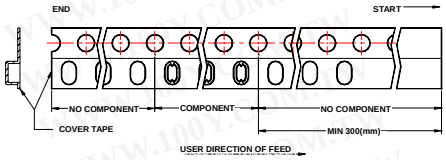



Figure 2

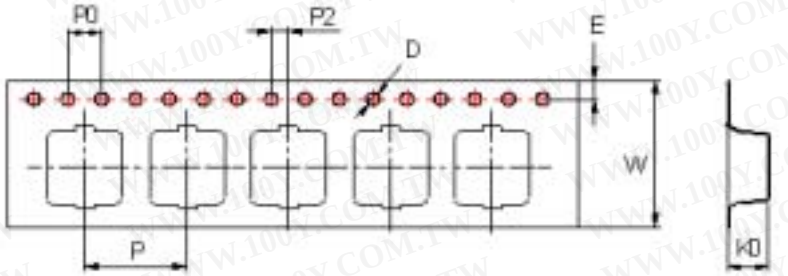



Figure 1

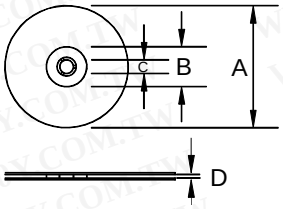
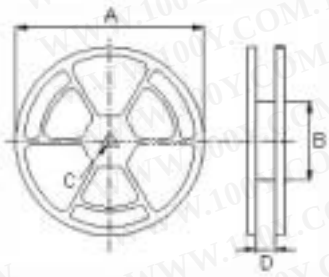



Figure 2




**Dimensions in mm**

| TYPE | Fig. | Tape Dimensions | | | | | | | Reel Dimensions | | | | Quantity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | K0 | D | E | W | P | P0 | P2 | A | B | C | D | PCS / REEL |
| SCD0301 | 2 | 1.4 | 1.55 | 1.75 | 12 | 8 | 4 | 2 | 178 | 60 | 13 | 13.2 | 1000 |
| SCD03011 | 1 | 1.4 | 1.50 | 1.75 | 12 | 8 | 4 | 2 | 330 | 100 | 13 | 13.4 | 3000 |
| SCD03015 | 1 | 1.80 | 1.55 | 1.75 | 12 | 8 | 4 | 2 | 330 | 100 | 13 | 13.4 | 3000 |
| SCD03021 | 1 | 2.50 | 1.55 | 1.75 | 12 | 8 | 4 | 2 | 330 | 100 | 13 | 13.4 | 3000 |
| SCD0403 | 1 | 3.1 | 1.55 | 1.75 | 12 | 8 | 4 | 2 | 330 | 100 | 13 | 13.4 | 2000 |
| SCD0501 | 1 | 2.35 | 1.55 | 1.75 | 12 | 8 | 4 | 2 | 330 | 100 | 13 | 13.4 | 2000 |
| SCD0502 | 1 | 3.00 | 1.55 | 1.75 | 12 | 8 | 4 | 2 | 330 | 100 | 13 | 13.4 | 2000 |
| SCD0503 | 1 | 3.30 | 1.55 | 1.75 | 12 | 8 | 4 | 2 | 330 | 100 | 13 | 13.4 | 2000 |
| SCD0504 | 1 | 4.8 | 1.55 | 1.75 | 16 | 8 | 4 | 2 | 330 | 100 | 13 | 17.4 | 1500 |
| SCD0506 | 1 | 6.4 | 1.55 | 1.75 | 16 | 8 | 4 | 2 | 330 | 100 | 13 | 17.4 | 1500 |
| SCD0703 | 1 | 3.8 | 1.55 | 1.75 | 16 | 12 | 4 | 2 | 330 | 100 | 13 | 17.4 | 1000 |
| SCD0705 | 1 | 5.2 | 1.55 | 1.75 | 16 | 12 | 4 | 2 | 330 | 100 | 13 | 17.4 | 700 |
| SCD0706 | 1 | 6.4 | 1.55 | 1.75 | 16 | 12 | 4 | 2 | 330 | 100 | 13 | 17.4 | 700 |
| SCD1004 | 1 | 5.8 | 1.55 | 1.75 | 24 | 12 | 4 | 2 | 330 | 100 | 13 | 24.4 | 700 |
| SCD1005 | 1 | 5.8 | 1.55 | 1.75 | 24 | 12 | 4 | 2 | 330 | 100 | 13 | 24.4 | 700 |
| SCD1006 | 1 | 7.0 | 1.55 | 1.75 | 24 | 12 | 4 | 2 | 330 | 100 | 13 | 24.4 | 700 |
| SCDR105B | 1 | 5.8 | 1.55 | 1.75 | 24 | 12 | 4 | 2 | 330 | 100 | 13 | 24.4 | 750 |
| SCD1307 | 1 | 7.4 | 1.55 | 1.75 | 24 | 20 | 4 | 2 | 330 | 100 | 13 | 24.4 | 300 |