



SMDCHGR SERIES

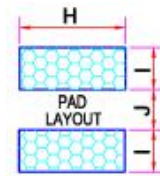
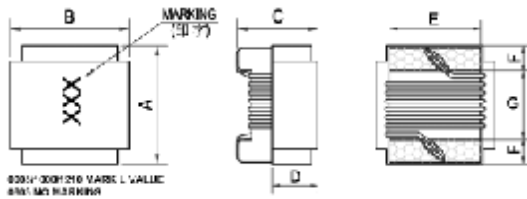
MINIATURE SMD CHIP INDUCTORS



Applications :

- Pagers, Cordless phone.
- High Freq. Communication Products.
- GPS(Global Position System).

Shape and Dimensions (Dimensions are in mm) :



| Item | A Max | B Max | C Max | D | E | F | G |
|-------|-------|-------|-------|------|------|------|------|
| 0402S | 1.19 | 0.70 | 0.66 | 0.25 | 0.51 | 0.23 | 0.56 |
| 0603 | 1.80 | 1.12 | 1.02 | 0.38 | 0.76 | 0.33 | 0.86 |
| 0805 | 2.29 | 1.73 | 1.52 | 0.51 | 1.27 | 0.51 | 1.02 |
| 1008 | 2.92 | 2.79 | 2.10 | 0.51 | 2.03 | 0.51 | 1.52 |
| 1210 | 3.56 | 2.92 | 2.23 | 0.51 | 2.10 | 0.51 | 2.03 |

| Item | H | I | J |
|-------|------|------|------|
| 0402S | 0.66 | 0.36 | 0.46 |
| 0603 | 1.02 | 0.64 | 0.64 |
| 0805 | 1.78 | 1.02 | 0.76 |
| 1008 | 2.54 | 1.02 | 1.27 |
| 1210 | 2.54 | 1.02 | 1.78 |

Features :

- Miniature SMD chip inductors designed especially for the need of high frequency applications.
- The ceramic construction delivers the highest possible SRF's and Q values.
- The non-magnetic coilform also assures the utmost In thermal stability,predictability,and batch consistency.
- Their ferrite core inductors have lower DCR and higher current ratings. The inductance values from 1.2 to 10uH.

Characteristics :

- Rated Current: The current when temperature of coil increases up to Max. $\Delta T = 15^{\circ}C$. ($T_a = 20^{\circ}C$)
- Operating temp: $-40^{\circ}C$ to $125^{\circ}C$

Product Identification :

SMD CH G R 1008 - 47N J
 (1) (2) (3) (4) (5) (6) (7)

- (1) Type : Surface Mount Devices.
- (2) Material: CH : Ceramic.
- (3) Terminal G : with Gold wraparound.
- (4) Packaging R : Tape and Reel.
- (5) Dimension: L=0.1 Inch W=0.08 Inch.
- (6) Inductance : 47N for 47 nH.
- (7) Inductance tolerance :
 G:±2%;J:±5%;K:±10%;M:±20%.

Test equipments :

- L&Q&SRF: Agilent E4991A RF Impedance analyzer. with Agilent 16197A test fixture.
- DCR: Milli-ohm meter.
- Electrical specifications at $25^{\circ}C$.


I SMDCHGR0402S series

| Part No. | Inductance L (nH) | Tolerance (±%) | Q Min. | Test freq. (MHz) L&Q | SRF (MHz) Min. | DCR (Ω) Max. | Rated Current (mA) Max |
|-------------------|-------------------------|-------------------|-----------|----------------------------|----------------------|--------------------|------------------------------|
| SMDCHGR0402S-1N0□ | 1.0 | 5, 10 | 16 | 250 | 12700 | 0.045 | 1360 |
| SMDCHGR0402S-1N9□ | 1.9 | 5, 10 | 16 | 250 | 11300 | 0.070 | 1040 |
| SMDCHGR0402S-2N0□ | 2.0 | 5, 10 | 16 | 250 | 11100 | 0.070 | 1040 |
| SMDCHGR0402S-2N2□ | 2.2 | 5, 10 | 19 | 250 | 10800 | 0.070 | 960 |
| SMDCHGR0402S-2N4□ | 2.4 | 5, 10 | 15 | 250 | 10500 | 0.068 | 790 |
| SMDCHGR0402S-2N7□ | 2.7 | 5, 10 | 16 | 250 | 10400 | 0.120 | 640 |
| SMDCHGR0402S-3N3□ | 3.3 | 5, 10 | 19 | 250 | 7000 | 0.066 | 840 |
| SMDCHGR0402S-3N9□ | 3.9 | 5, 10 | 19 | 250 | 6000 | 0.066 | 840 |
| SMDCHGR0402S-4N3□ | 4.3 | 5, 10 | 18 | 250 | 6000 | 0.091 | 700 |
| SMDCHGR0402S-4N7□ | 4.7 | 5, 10 | 15 | 250 | 4770 | 0.130 | 640 |
| SMDCHGR0402S-5N1□ | 5.1 | 5, 10 | 20 | 250 | 4800 | 0.083 | 800 |
| SMDCHGR0402S-5N6□ | 5.6 | 5, 10 | 20 | 250 | 4800 | 0.083 | 760 |
| SMDCHGR0402S-6N2□ | 6.2 | 5, 10 | 20 | 250 | 4800 | 0.083 | 760 |
| SMDCHGR0402S-6N8□ | 6.8 | 5, 10 | 20 | 250 | 4800 | 0.083 | 680 |
| SMDCHGR0402S-7N5□ | 7.5 | 5, 10 | 22 | 250 | 4800 | 0.100 | 680 |
| SMDCHGR0402S-8N2□ | 8.2 | 5, 10 | 22 | 250 | 4400 | 0.100 | 680 |
| SMDCHGR0402S-8N7□ | 8.7 | 5, 10 | 18 | 250 | 4100 | 0.200 | 480 |
| SMDCHGR0402S-9N1□ | 9.1 | 5, 10 | 22 | 250 | 4160 | 0.100 | 680 |
| SMDCHGR0402S-9N5□ | 9.5 | 5, 10 | 18 | 250 | 4000 | 0.200 | 480 |
| SMDCHGR0402S-10N□ | 10 | 5, 10 | 21 | 250 | 3900 | 0.200 | 480 |
| SMDCHGR0402S-11N□ | 11 | 5, 10 | 24 | 250 | 3680 | 0.120 | 640 |
| SMDCHGR0402S-12N□ | 12 | 5, 10 | 24 | 250 | 3600 | 0.120 | 640 |
| SMDCHGR0402S-15N□ | 15 | 5, 10 | 24 | 250 | 3280 | 0.170 | 560 |
| SMDCHGR0402S-16N□ | 16 | 5, 10 | 24 | 250 | 3100 | 0.220 | 560 |
| SMDCHGR0402S-18N□ | 18 | 5, 10 | 25 | 250 | 3100 | 0.230 | 420 |
| SMDCHGR0402S-20N□ | 20 | 5, 10 | 25 | 250 | 3000 | 0.250 | 420 |
| SMDCHGR0402S-22N□ | 22 | 5, 10 | 25 | 250 | 2800 | 0.300 | 400 |
| SMDCHGR0402S-27N□ | 27 | 5, 10 | 24 | 250 | 2480 | 0.300 | 400 |
| SMDCHGR0402S-33N□ | 33 | 5, 10 | 24 | 250 | 2350 | 0.400 | 400 |
| SMDCHGR0402S-39N□ | 39 | 5, 10 | 25 | 250 | 2100 | 0.550 | 200 |
| SMDCHGR0402S-43N□ | 43 | 5, 10 | 25 | 250 | 2030 | 0.810 | 100 |
| SMDCHGR0402S-47N□ | 47 | 5, 10 | 20 | 250 | 2100 | 0.830 | 150 |
| SMDCHGR0402S-56N□ | 56 | 5, 10 | 22 | 250 | 1760 | 0.970 | 100 |
| SMDCHGR0402S-68N□ | 68 | 5, 10 | 22 | 250 | 1620 | 1.120 | 100 |
| SMDCHGR0402S-82N□ | 82 | 5, 10 | 20 | 250 | 1260 | 1.550 | 50 |


I SMDCHGR0603 series

| Part No. | Inductance L (nH) | Tolerance (±%) | Q Min. | Test Freq. (MHz) L&Q | SRF (MHz) Min. | DCR (Ω) Max. | Rated Current (mA) Max |
|------------------|-------------------------|-------------------|-----------|----------------------------|----------------------|--------------------|------------------------------|
| SMDCHGR0603-1N6□ | 1.6 | 10, 20 | 24 | 250 | 12500 | 0.030 | 700 |
| SMDCHGR0603-1N8□ | 1.8 | 10, 20 | 16 | 250 | 12500 | 0.045 | 700 |
| SMDCHGR0603-3N6□ | 3.6 | 10, 20 | 22 | 250 | 5900 | 0.063 | 700 |
| SMDCHGR0603-3N9□ | 3.9 | 5, 10, 20 | 22 | 250 | 6900 | 0.080 | 700 |
| SMDCHGR0603-4N7□ | 4.7 | 5, 10, 20 | 20 | 250 | 5800 | 0.116 | 700 |
| SMDCHGR0603-5N1□ | 5.1 | 5, 10, 20 | 20 | 250 | 5700 | 0.140 | 700 |
| SMDCHGR0603-6N8□ | 6.8 | 5, 10, 20 | 27 | 250 | 5800 | 0.110 | 700 |
| SMDCHGR0603-7N5□ | 7.5 | 5, 10, 20 | 28 | 250 | 4800 | 0.106 | 700 |
| SMDCHGR0603-8N2□ | 8.2 | 5, 10, 20 | 28 | 250 | 4700 | 0.120 | 700 |
| SMDCHGR0603-9N5□ | 9.5 | 5, 10, 20 | 28 | 250 | 5400 | 0.150 | 700 |
| SMDCHGR0603-10N□ | 10 | 2, 5, 10 | 31 | 250 | 4800 | 0.130 | 700 |
| SMDCHGR0603-11N□ | 11 | 2, 5, 10 | 33 | 250 | 4000 | 0.130 | 700 |
| SMDCHGR0603-12N□ | 12 | 2, 5, 10 | 35 | 250 | 4000 | 0.130 | 700 |
| SMDCHGR0603-15N□ | 15 | 2, 5, 10 | 35 | 250 | 4000 | 0.170 | 700 |
| SMDCHGR0603-16N□ | 16 | 2, 5, 10 | 34 | 250 | 3300 | 0.160 | 700 |
| SMDCHGR0603-18N□ | 18 | 2, 5, 10 | 35 | 250 | 3100 | 0.170 | 700 |
| SMDCHGR0603-22N□ | 22 | 2, 5, 10 | 38 | 250 | 3000 | 0.190 | 700 |
| SMDCHGR0603-24N□ | 24 | 2, 5, 10 | 37 | 250 | 2650 | 0.190 | 700 |
| SMDCHGR0603-27N□ | 27 | 2, 5, 10 | 40 | 250 | 2800 | 0.220 | 600 |
| SMDCHGR0603-30N□ | 30 | 2, 5, 10 | 37 | 250 | 2250 | 0.220 | 600 |
| SMDCHGR0603-33N□ | 33 | 2, 5, 10 | 40 | 250 | 2300 | 0.220 | 600 |
| SMDCHGR0603-36N□ | 36 | 2, 5, 10 | 38 | 250 | 2080 | 0.250 | 600 |
| SMDCHGR0603-39N□ | 39 | 2, 5, 10 | 40 | 250 | 2200 | 0.250 | 600 |
| SMDCHGR0603-43N□ | 43 | 2, 5, 10 | 39 | 250 | 2000 | 0.280 | 600 |
| SMDCHGR0603-47N□ | 47 | 2, 5, 10 | 38 | 200 | 2000 | 0.280 | 600 |
| SMDCHGR0603-56N□ | 56 | 2, 5, 10 | 38 | 200 | 1900 | 0.310 | 600 |
| SMDCHGR0603-68N□ | 68 | 2, 5, 10 | 37 | 200 | 1700 | 0.340 | 600 |
| SMDCHGR0603-72N□ | 72 | 2, 5, 10 | 34 | 150 | 1700 | 0.490 | 400 |
| SMDCHGR0603-82N□ | 82 | 2, 5, 10 | 34 | 150 | 1700 | 0.540 | 400 |
| SMDCHGR0603-R10□ | 100 | 2, 5, 10 | 34 | 150 | 1400 | 0.580 | 400 |
| SMDCHGR0603-R11□ | 110 | 2, 5, 10 | 32 | 150 | 1350 | 0.610 | 300 |
| SMDCHGR0603-R12□ | 120 | 2, 5, 10 | 32 | 150 | 1300 | 0.750 | 300 |
| SMDCHGR0603-R15□ | 150 | 2, 5, 10 | 28 | 150 | 990 | 0.920 | 280 |
| SMDCHGR0603-R18□ | 180 | 2, 5, 10 | 25 | 100 | 990 | 1.350 | 240 |
| SMDCHGR0603-R22□ | 220 | 2, 5, 10 | 25 | 100 | 900 | 2.100 | 200 |
| SMDCHGR0603-R27□ | 270 | 5, 10, 20 | 24 | 100 | 520 | 2.800 | 170 |


I SMDCHGR0805 series

| Part No. | Inductance L (nH) | Tolerance (±%) | Q Min. | Test Freq. (MHz) L&Q | SRF (MHz) Min. | DCR (Ω) Max. | Rated Current (mA) Max |
|------------------|-------------------|----------------|--------|----------------------|----------------|--------------|------------------------|
| SMDCHGR0805-2N2□ | 2.2 | 10 , 20 | 15 | 250&1500 | 6000 | 0.08 | 600 |
| SMDCHGR0805-2N7□ | 2.7 | 10 , 20 | 50 | 250&1500 | 6000 | 0.08 | 600 |
| SMDCHGR0805-3N3□ | 3.3 | 10 , 20 | 35 | 250&1500 | 6000 | 0.08 | 600 |
| SMDCHGR0805-5N6□ | 5.6 | 5, 10, 20 | 50 | 250&1000 | 5500 | 0.10 | 600 |
| SMDCHGR0805-6N8□ | 6.8 | 5, 10, 20 | 50 | 250&1000 | 5500 | 0.11 | 600 |
| SMDCHGR0805-8N2□ | 8.2 | 5, 10, 20 | 50 | 250&500 | 4700 | 0.12 | 600 |
| SMDCHGR0805-10N□ | 10 | 2, 5, 10 | 50 | 250&500 | 4300 | 0.14 | 600 |
| SMDCHGR0805-11N□ | 11 | 2, 5, 10 | 50 | 250&500 | 4000 | 0.15 | 600 |
| SMDCHGR0805-12N□ | 12 | 2, 5, 10 | 50 | 250&500 | 4000 | 0.15 | 600 |
| SMDCHGR0805-15N□ | 15 | 5, 10, 20 | 50 | 250&500 | 3400 | 0.17 | 600 |
| SMDCHGR0805-18N□ | 18 | 2, 5, 10 | 50 | 250&500 | 3300 | 0.20 | 600 |
| SMDCHGR0805-22N□ | 22 | 2, 5, 10 | 55 | 250&500 | 2600 | 0.22 | 500 |
| SMDCHGR0805-27N□ | 27 | 2, 5, 10 | 55 | 250&500 | 2500 | 0.25 | 500 |
| SMDCHGR0805-33N□ | 33 | 2, 5, 10 | 60 | 250&500 | 2050 | 0.27 | 500 |
| SMDCHGR0805-39N□ | 39 | 2, 5, 10 | 60 | 250&500 | 2000 | 0.29 | 500 |
| SMDCHGR0805-47N□ | 47 | 2, 5, 10 | 60 | 200&500 | 1650 | 0.31 | 500 |
| SMDCHGR0805-56N□ | 56 | 2, 5, 10 | 60 | 200&500 | 1550 | 0.34 | 500 |
| SMDCHGR0805-68N□ | 68 | 2, 5, 10 | 60 | 200&500 | 1450 | 0.38 | 500 |
| SMDCHGR0805-82N□ | 82 | 2, 5, 10 | 60 | 150&500 | 1300 | 0.42 | 400 |
| SMDCHGR0805-R10□ | 100 | 2, 5, 10 | 60 | 150&500 | 1200 | 0.46 | 400 |
| SMDCHGR0805-R12□ | 120 | 2, 5, 10 | 50 | 150&250 | 1100 | 0.51 | 400 |
| SMDCHGR0805-R15□ | 150 | 2, 5, 10 | 50 | 100&250 | 920 | 0.56 | 400 |
| SMDCHGR0805-R18□ | 180 | 2, 5, 10 | 50 | 100&250 | 870 | 0.64 | 400 |
| SMDCHGR0805-R22□ | 220 | 2, 5, 10 | 50 | 100&250 | 850 | 0.70 | 400 |
| SMDCHGR0805-R27□ | 270 | 2, 5, 10 | 48 | 100&250 | 650 | 1.10 | 350 |
| SMDCHGR0805-R33□ | 330 | 2, 5, 10 | 48 | 100&250 | 600 | 1.40 | 310 |
| SMDCHGR0805-R39□ | 390 | 2, 5, 10 | 48 | 100&250 | 560 | 1.50 | 290 |
| SMDCHGR0805-R47□ | 470 | 2, 5, 10 | 33 | 50&100 | 375 | 1.76 | 250 |
| SMDCHGR0805-R56□ | 560 | 5, 10, 20 | 23 | 25&50 | 340 | 1.90 | 230 |
| SMDCHGR0805-R68□ | 680 | 5, 10, 20 | 23 | 25&50 | 188 | 2.20 | 190 |
| SMDCHGR0805-R82□ | 820 | 5, 10, 20 | 23 | 25&50 | 215 | 2.35 | 180 |
| SMDCHGR0805-1R0□ | 1000 | 5, 10, 20 | 20 | 25&50 | 200 | 2.40 | 170 |
| SMDCHGR0805-1R5□ | 1500 | 5, 10, 20 | 18 | 7.9&50 | 170 | 2.80 | 160 |


I SMDCHGR1008 series

| Part No. | Inductance L (nH) | Tolerance (±%) | Q Min. | Test Freq. (MHz) L&Q | SRF (MHz) Min. | DCR (Ω) Max. | Rated Current (mA) Max |
|------------------|-------------------------|-------------------|-----------|----------------------------|----------------------|--------------------|------------------------------|
| SMDCHGR1008-10N□ | 10 | 2, 5, 10 | 50 | 50&500 | 4100 | 0.08 | 1000 |
| SMDCHGR1008-12N□ | 12 | 2, 5, 10 | 50 | 50&500 | 3300 | 0.09 | 1000 |
| SMDCHGR1008-15N□ | 15 | 2, 5, 10 | 50 | 50&500 | 2500 | 0.15 | 1000 |
| SMDCHGR1008-18N□ | 18 | 2, 5, 10 | 50 | 50&350 | 2500 | 0.11 | 1000 |
| SMDCHGR1008-22N□ | 22 | 2, 5, 10 | 55 | 50&350 | 2400 | 0.12 | 1000 |
| SMDCHGR1008-27N□ | 27 | 2, 5, 10 | 55 | 50&350 | 1600 | 0.13 | 1000 |
| SMDCHGR1008-33N□ | 33 | 2, 5, 10 | 60 | 50&350 | 1600 | 0.14 | 1000 |
| SMDCHGR1008-39N□ | 39 | 2, 5, 10 | 60 | 50&350 | 1500 | 0.15 | 1000 |
| SMDCHGR1008-47N□ | 47 | 2, 5, 10 | 65 | 50&350 | 1500 | 0.16 | 1000 |
| SMDCHGR1008-56N□ | 56 | 2, 5, 10 | 65 | 50&350 | 1300 | 0.18 | 1000 |
| SMDCHGR1008-68N□ | 68 | 2, 5, 10 | 65 | 50&350 | 1300 | 0.20 | 1000 |
| SMDCHGR1008-82N□ | 82 | 2, 5, 10 | 60 | 50&350 | 1000 | 0.22 | 1000 |
| SMDCHGR1008-R10□ | 100 | 2, 5, 10 | 60 | 25&350 | 1000 | 0.56 | 650 |
| SMDCHGR1008-R12□ | 120 | 2, 5, 10 | 60 | 25&350 | 950 | 0.63 | 650 |
| SMDCHGR1008-R15□ | 150 | 2, 5, 10 | 45 | 25&100 | 850 | 0.70 | 580 |
| SMDCHGR1008-R18□ | 180 | 5, 10, 20 | 45 | 25&100 | 750 | 0.77 | 620 |
| SMDCHGR1008-R22□ | 220 | 2, 5, 10 | 45 | 25&100 | 660 | 0.84 | 500 |
| SMDCHGR1008-R27□ | 270 | 2, 5, 10 | 45 | 25&100 | 600 | 0.91 | 500 |
| SMDCHGR1008-R33□ | 330 | 2, 5, 10 | 45 | 25&100 | 570 | 1.05 | 450 |
| SMDCHGR1008-R39□ | 390 | 2, 5, 10 | 45 | 25&100 | 500 | 1.12 | 470 |
| SMDCHGR1008-R47□ | 470 | 2, 5, 10 | 45 | 25&100 | 450 | 1.19 | 470 |
| SMDCHGR1008-R56□ | 560 | 2, 5, 10 | 45 | 25&100 | 415 | 1.33 | 400 |
| SMDCHGR1008-R68□ | 680 | 2, 5, 10 | 45 | 25&100 | 375 | 1.47 | 400 |
| SMDCHGR1008-R82□ | 820 | 5, 10, 20 | 45 | 25&100 | 320 | 1.61 | 400 |
| SMDCHGR1008-1R0□ | 1000 | 2, 5, 10 | 35 | 25&50 | 290 | 1.75 | 370 |
| SMDCHGR1008-1R2□ | 1200 | 2, 5, 10 | 35 | 7.9&50 | 250 | 2.00 | 310 |
| SMDCHGR1008-1R5□ | 1500 | 5, 10, 20 | 28 | 7.9&50 | 200 | 2.30 | 330 |
| SMDCHGR1008-1R8□ | 1800 | 5, 10, 20 | 28 | 7.9&50 | 160 | 2.60 | 300 |
| SMDCHGR1008-2R2□ | 2200 | 5, 10, 20 | 25 | 7.9&50 | 98 | 2.80 | 280 |
| SMDCHGR1008-2R7□ | 2700 | 5, 10, 20 | 22 | 7.9&25 | 80 | 3.20 | 290 |
| SMDCHGR1008-3R3□ | 3300 | 5, 10, 20 | 22 | 7.9&25 | 70 | 3.40 | 290 |
| SMDCHGR1008-3R9□ | 3900 | 5, 10, 20 | 20 | 7.9&25 | 60 | 3.60 | 260 |
| SMDCHGR1008-4R7□ | 4700 | 5, 10, 20 | 18 | 7.9&25 | 60 | 4.00 | 260 |
| SMDCHGR1008-5R6□ | 5600 | 5, 10, 20 | 20 | 7.9&7.9 | 55 | 6.80 | 190 |
| SMDCHGR1008-6R8□ | 6800 | 5, 10, 20 | 20 | 7.9&7.9 | 50 | 7.50 | 180 |

I SMDCHGR1210 series

| Part No. | Inductance L (nH) | Toleranc (±%) | Q Min. | Test (MHz) L&Q | SRF (MHz) Min. | DCR (Ω) Max. | Rated Current (mA) Max |
|------------------|-------------------------|------------------|-----------|----------------------|----------------------|--------------------|------------------------------|
| SMDCHGR1210-10N□ | 10 | 2, 5, 10 | 50 | 50&500 | 4100 | 0.08 | 1000 |
| SMDCHGR1210-12N□ | 12 | 2, 5, 10 | 50 | 50&500 | 3300 | 0.09 | 1000 |
| SMDCHGR1210-15N□ | 15 | 2, 5, 10 | 50 | 50&500 | 2500 | 0.10 | 1000 |
| SMDCHGR1210-18N□ | 18 | 2, 5, 10 | 50 | 50&350 | 2500 | 0.11 | 1000 |
| SMDCHGR1210-22N□ | 22 | 2, 5, 10 | 55 | 50&350 | 2000 | 0.12 | 1000 |
| SMDCHGR1210-27N□ | 27 | 2, 5, 10 | 55 | 50&500 | 1600 | 0.13 | 1000 |
| SMDCHGR1210-33N□ | 33 | 2, 5, 10 | 60 | 50&350 | 1600 | 0.14 | 1000 |
| SMDCHGR1210-39N□ | 39 | 2, 5, 10 | 60 | 50&350 | 1500 | 0.15 | 1000 |
| SMDCHGR1210-47N□ | 47 | 2, 5, 10 | 65 | 50&350 | 1500 | 0.16 | 1000 |
| SMDCHGR1210-56N□ | 56 | 2, 5, 10 | 65 | 50&350 | 1300 | 0.18 | 1000 |
| SMDCHGR1210-68N□ | 68 | 2, 5, 10 | 65 | 50&350 | 1300 | 0.20 | 1000 |
| SMDCHGR1210-82N□ | 82 | 2, 5, 10 | 60 | 50&350 | 1000 | 0.22 | 1000 |
| SMDCHGR1210-R10□ | 100 | 2, 5, 10 | 60 | 25&350 | 1000 | 0.24 | 980 |
| SMDCHGR1210-R12□ | 120 | 2, 5, 10 | 60 | 25&350 | 950 | 0.26 | 920 |
| SMDCHGR1210-R15□ | 150 | 2, 5, 10 | 45 | 25&100 | 850 | 0.29 | 870 |
| SMDCHGR1210-R18□ | 180 | 2, 5, 10 | 45 | 25&100 | 750 | 0.31 | 830 |
| SMDCHGR1210-R22□ | 220 | 2, 5, 10 | 45 | 25&100 | 700 | 0.35 | 790 |
| SMDCHGR1210-R27□ | 270 | 2, 5, 10 | 45 | 25&100 | 600 | 0.42 | 730 |
| SMDCHGR1210-R33□ | 330 | 2, 5, 10 | 45 | 25&100 | 570 | 0.49 | 680 |
| SMDCHGR1210-R39□ | 390 | 2, 5, 10 | 45 | 25&100 | 500 | 0.54 | 640 |
| SMDCHGR1210-R47□ | 470 | 2, 5, 10 | 45 | 25&100 | 450 | 0.60 | 610 |
| SMDCHGR1210-R56□ | 560 | 5, 10, 20 | 45 | 25&100 | 415 | 1.00 | 460 |
| SMDCHGR1210-R68□ | 680 | 2, 5, 10 | 45 | 25&100 | 375 | 1.15 | 420 |
| SMDCHGR1210-R82□ | 820 | 2, 5, 10 | 45 | 25&100 | 350 | 1.93 | 350 |
| SMDCHGR1210-1R0□ | 1000 | 2, 5, 10 | 45 | 25&100 | 290 | 2.16 | 330 |
| SMDCHGR1210-1R2□ | 1200 | 2, 5, 10 | 45 | 7.9&100 | 250 | 2.38 | 310 |
| SMDCHGR1210-1R5□ | 1500 | 2, 5, 10 | 35 | 7.9&50 | 200 | 2.64 | 300 |
| SMDCHGR1210-1R8□ | 1800 | 2, 5, 10 | 30 | 7.9&50 | 160 | 2.76 | 290 |
| SMDCHGR1210-2R2□ | 2200 | 2, 5, 10 | 25 | 7.9&50 | 160 | 2.98 | 280 |
| SMDCHGR1210-2R7□ | 2700 | 2, 5, 10 | 22 | 7.9&50 | 140 | 3.30 | 260 |
| SMDCHGR1210-3R3□ | 3300 | 5, 10, 20 | 22 | 7.9&25 | 110 | 3.66 | 250 |
| SMDCHGR1210-3R9□ | 3900 | 5, 10, 20 | 22 | 7.9&7.9 | 100 | 4.00 | 240 |
| SMDCHGR1210-4R7□ | 4700 | 5, 10, 20 | 22 | 7.9&7.9 | 90 | 4.30 | 230 |

* Due to the limited space, the catalogue shows the typical specifications only. For more specific details (characteristics graph, reliability, and others), kindly invite you to access 3L official website www.3lcoil.com for better known.