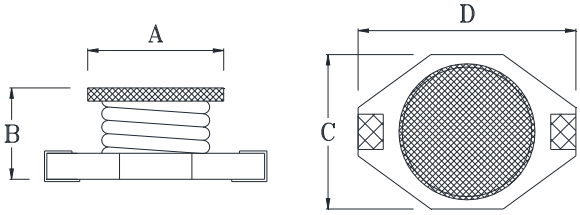
# Unshielded SMD Power Inductors
# CPJK series

## DIMENSIONS






mm

| No. | Part No. | A | B | C | D |
|---|---|---|---|---|---|
| 1 | CPJK 0802 | 8.6 Max. | 3.0 Max. | 9.5 Max. | 13.50 Max. |
| 2 | CPJK 0804 | 8.6 Max. | 5.5 Max. | 9.5 Max. | 13.50 Max. |
| 3 | CPJK 0810 | 8.6 Max. | 11.5 Max. | 9.5 Max. | 13.50 Max. |
| 4 | CPJK 1306 | 13.0 Max. | 7.5 Max. | 15.4 Max. | 18.54 Max. |

## SERIES LIST

| No. | Part No | Lnductance (μH) | Test Freq (KHz) | RDC(mΩ) MAX | IDC(A) Max. |
|---|---|---|---|---|---|
| 1 | CPJK 0802 – 100M | 10 ± 20% | 100 | 0.11 | 2.40 |
| 2 | CPJK 0802 – 150M | 15 ± 20% | 100 | 0.15 | 2.00 |
| 3 | CPJK 0802 – 220M | 22 ± 20% | 100 | 0.23 | 1.60 |
| 4 | CPJK 0802 – 330M | 33 ± 20% | 100 | 0.30 | 1.40 |
| 5 | CPJK 0802 – 470M | 47 ± 20% | 100 | 0.39 | 1.00 |
| 6 | CPJK 0802 – 680M | 68 ± 20% | 100 | 0.66 | 0.90 |
| 7 | CPJK 0802 – 101M | 100 ± 20% | 100 | 0.84 | 0.70 |
| 1 | CPJK 0804 – 3R3M | 3.3 ± 20% | 100 | 0.015 | 6.40 |
| 2 | CPJK 0804 – 4R7M | 4.7 ± 20% | 100 | 0.018 | 5.40 |
| 3 | CPJK 0804 – 6R8M | 6.8 ± 20% | 100 | 0.027 | 4.60 |
| 4 | CPJK 0804 – 100M | 10 ± 20% | 100 | 0.038 | 3.80 |
| 5 | CPJK 0804 – 150M | 15 ± 20% | 100 | 0.046 | 3.00 |
| 6 | CPJK 0804 – 220M | 22 ± 20% | 100 | 0.085 | 2.60 |
| 7 | CPJK 0804 – 330M | 33 ± 20% | 100 | 0.100 | 2.00 |
| 8 | CPJK 0804 – 470M | 47 ± 20% | 100 | 0.140 | 1.60 |
| 9 | CPJK 0804 – 680M | 68 ± 20% | 100 | 0.200 | 1.40 |
| 10 | CPJK 0804 – 101M | 100 ± 20% | 100 | 0.280 | 1.20 |
| 11 | CPJK 0804 – 151M | 150 ± 20% | 100 | 0.400 | 1.00 |
| 12 | CPJK 0804 – 221M | 220 ± 20% | 100 | 0.610 | 0.80 |
| 13 | CPJK 0804 – 331M | 330 ± 20% | 100 | 1.020 | 0.60 |
| 14 | CPJK 0804 – 471M | 470 ± 20% | 100 | 1.270 | 0.50 |
| 1 | CPJK 0810 – 100M | 10 ± 20% | 100 | 0.040 | 8.00 |
| 2 | CPJK 0810 – 150M | 15 ± 20% | 100 | 0.050 | 7.00 |
| 3 | CPJK 0810 – 220M | 22 ± 20% | 100 | 0.066 | 5.50 |
| 4 | CPJK 0810 – 330M | 33 ± 20% | 100 | 0.080 | 4.00 |
| 5 | CPJK 0810 – 470M | 47 ± 20% | 100 | 0.110 | 3.80 |
| 6 | CPJK 0810 – 680M | 68 ± 20% | 100 | 0.170 | 3.00 |
| 7 | CPJK 0810 – 101M | 100 ± 20% | 100 | 0.220 | 2.50 |
| 8 | CPJK 0810 – 151M | 150 ± 20% | 100 | 0.340 | 2.00 |
| 9 | CPJK 0810 – 221M | 220 ± 20% | 100 | 0.440 | 1.60 |
| 10 | CPJK 0810 – 331M | 330 ± 20% | 100 | 0.700 | 1.20 |
| 11 | CPJK 0810 – 471M | 470 ± 20% | 100 | 0.950 | 1.00 |
| 12 | CPJK 0810 – 681M | 680 ± 20% | 100 | 1.200 | 1.00 |
| 13 | CPJK 0810 – 102M | 1,000 ± 20% | 100 | 2.000 | 0.80 |
| 1 | CPJK 1306 – 100M | 10 ± 20% | 100 | 0.031 | 10.0 |
| 2 | CPJK 1306 – 150M | 15 ± 20% | 100 | 0.036 | 8.0 |
| 3 | CPJK 1306 – 220M | 22 ± 20% | 100 | 0.047 | 7.0 |
| 4 | CPJK 1306 – 330M | 33 ± 20% | 100 | 0.066 | 5.5 |
| 5 | CPJK 1306 – 470M | 47 ± 20% | 100 | 0.086 | 4.5 |
| 6 | CPJK 1306 – 680M | 68 ± 20% | 100 | 0.130 | 3.5 |
| 7 | CPJK 1306 – 101M | 100 ± 20% | 100 | 0.190 | 3.0 |
| 8 | CPJK 1306 – 151M | 150 ± 20% | 100 | 0.250 | 2.6 |
| 9 | CPJK 1306 – 221M | 220 ± 20% | 100 | 0.380 | 2.4 |
| 10 | CPJK 1306 – 331M | 330 ± 20% | 100 | 0.560 | 1.9 |
| 11 | CPJK 1306 – 471M | 470 ± 20% | 100 | 0.850 | 1.4 |
| 12 | CPJK 1306 – 681M | 680 ± 20% | 100 | 1.100 | 1.2 |
| 13 | CPJK 1306 – 102M | 1,000 ± 20% | 100 | 1.800 | 1.0 |

1.nductance drop 30% no more than initial value at rate current, temperature rises Δt<40℃.

## ■ STANDARD PACKAGE QUANTITY (SPQ)

| Type | CPJK 0802 | CPJK 0804 | CPJK 0810 | CPJK 1306 |
|---|---|---|---|---|
| Q'TY/Reel | 1,000 | 1,000 | 250 | 250 |