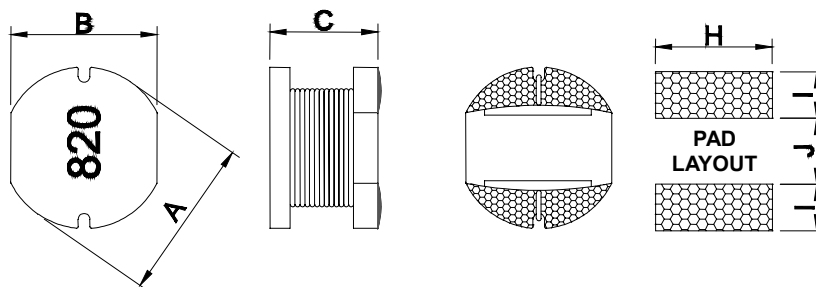


SMD Power Inductor – PCD



Dimensions

Unit: mm

| Type | A | B | C max. | H | I | J |
|---------|----------|---------|--------|------|------|-----|
| PCD0301 | 3.5±0.3 | 3.0±0.3 | 1.40 | 3.50 | 1.60 | 0.8 |
| PCD0302 | 3.5±0.3 | 3.0±0.3 | 2.40 | 3.50 | 1.60 | 0.8 |
| PCD0403 | 4.5±0.3 | 4.0±0.3 | 3.50 | 4.50 | 1.75 | 1.5 |
| PCD0502 | 5.8±0.3 | 5.2±0.3 | 2.80 | 5.50 | 2.15 | 1.7 |
| PCD0503 | 5.8±0.3 | 5.2±0.3 | 3.50 | 5.50 | 2.15 | 1.7 |
| PCD0504 | 5.8±0.3 | 5.2±0.3 | 4.85 | 5.50 | 2.15 | 1.7 |
| PCD0703 | 7.8±0.3 | 7.0±0.3 | 4.00 | 7.50 | 3.00 | 2.0 |
| PCD0705 | 7.8±0.3 | 7.0±0.3 | 5.50 | 7.50 | 3.00 | 2.0 |
| PCD1004 | 10.0±0.4 | 9.0±0.3 | 4.50 | 9.50 | 3.75 | 2.5 |
| PCD1005 | 10.0±0.4 | 9.0±0.3 | 5.80 | 9.50 | 3.75 | 2.5 |
| PCD1006 | 10.0±0.4 | 9.0±0.3 | 7.50 | 9.50 | 3.75 | 2.5 |

Features

- High power, High saturation inductors
- Silver Plated Type, Low cost design
- Ideal inductors for DC-DC converters
- Available on tape and reel for auto surface mounting

Applications

- Power Supply For VTRs.
- LCD Televisions
- Personal Computers
- Handheld Communication
- DC/DC Converters, etc.

Characteristics

- Rated DC Current: The DC current when the inductance becomes 10% lower than its initial value or DC current when temperature of coil is increased to 40°C. (Ta=25°C). The smaller one is defined as Rated DC Current.
- Operating temperature range: -40~85°C

Inductance and rated current ranges

- PCD0301 1.0~390μH 1.40~0.10A
- PCD0302 1.0~330μH 2.20~0.09A
- PCD0403 1.0~680μH 2.70~0.128A
- PCD0502 1.0~470μH 4.00~0.15A
- PCD0503 1.0~1000μH 4.50~0.13A
- PCD0504 1.0~680μH 5.00~0.28A
- PCD0703 1.0~1000μH 1.64~0.20A
- PCD0705 1.0~1000μH 3.40~0.30A
- PCD1004 1.0~560μH 8.70~0.32A
- PCD1005 1.2~1000μH 8.63~0.20A
- PCD1006 1.0~1000μH 9.50~0.46A
- Electrical specifications at 25°C

Product Identification

| PCD | 1005 | M | T | 101 |
|--------------|---|--------------------|------------------|---------------------------------------|
| Product Type | Dimensions (AxBxC) | Inductor Tolerance | Packaging Style | Inductance |
| | 0301: 3.5x3.0x1.4 0302: 3.5x3.0x2.4 0403: 4.5x4.0x3.5 0502: 5.8x5.2x2.8 0503: 5.8x5.2x3.5 0504: 5.8x5.2x4.85 0703: 7.8x7.0x4.0 0705: 7.8x7.0x5.5 1004: 10x9.0x4.5 1005: 10x9.0x5.8 1006: 10x9.0x7.5 | K: ±10% M: ±20% | T: Tape and Reel | 1R1: 1.1μH 470: 47μH 101: 100μH |

■ Electrical Characteristics

PCD0301 Type

| Codes | L (μ H) | Tolerance | Test Condition | DCR (Ω) max. | IDC (A) max. |
|-------|-----------------|-----------|-------------------|--------------------------|-----------------|
| 1R0 | 1.0 | M | 100KHz, 0.25V | 0.060 | 1.40 |
| 1R4 | 1.4 | M | 100KHz, 0.25V | 0.069 | 1.40 |
| 1R5 | 1.5 | M | 100KHz, 0.25V | 0.081 | 1.30 |
| 1R8 | 1.8 | M | 100KHz, 0.25V | 0.098 | 1.24 |
| 2R2 | 2.2 | M | 100KHz, 0.25V | 0.240 | 1.20 |
| 2R7 | 2.7 | M | 100KHz, 0.25V | 0.135 | 1.04 |
| 3R3 | 3.3 | M | 100KHz, 0.25V | 0.270 | 1.00 |
| 3R9 | 3.9 | M | 100KHz, 0.25V | 0.188 | 0.79 |
| 4R7 | 4.7 | M | 100KHz, 0.25V | 0.400 | 0.90 |
| 5R6 | 5.6 | M | 100KHz, 0.25V | 0.450 | 0.80 |
| 6R8 | 6.8 | M | 100KHz, 0.25V | 0.500 | 0.70 |
| 8R2 | 8.2 | M | 100KHz, 0.25V | 0.650 | 0.65 |
| 100 | 10 | M | 100KHz, 0.25V | 0.750 | 0.60 |
| 120 | 12 | M | 100KHz, 0.25V | 0.850 | 0.55 |
| 150 | 15 | M | 100KHz, 0.25V | 1.200 | 0.50 |
| 180 | 18 | M | 100KHz, 0.25V | 1.300 | 0.45 |
| 220 | 22 | M | 100KHz, 0.25V | 1.500 | 0.40 |
| 270 | 27 | M | 100KHz, 0.25V | 1.500 | 0.36 |
| 330 | 33 | M | 100KHz, 0.25V | 2.800 | 0.30 |
| 390 | 39 | M | 100KHz, 0.25V | 1.880 | 0.23 |
| 470 | 47 | M | 100KHz, 0.25V | 4.000 | 0.25 |
| 560 | 56 | M | 100KHz, 0.25V | 4.500 | 0.20 |
| 680 | 68 | M | 100KHz, 0.25V | 5.000 | 0.18 |
| 820 | 82 | M | 100KHz, 0.25V | 6.500 | 0.16 |
| 101 | 100 | M | 100KHz, 0.25V | 7.500 | 0.15 |
| 221 | 220 | M | 100KHz, 0.25V | 14.00 | 0.13 |
| 331 | 330 | M | 100KHz, 0.25V | 22.00 | 0.11 |
| 391 | 390 | M | 100KHz, 0.25V | 26.00 | 0.10 |

| Codes | L (μ H) | Tolerance | Test Condition | DCR (Ω) max. | | | IDC (A) max. | | |
|-------|-----------------|-----------|-------------------|--------------------------|-------|-------|-----------------|-------|------|
| | | | | 0302 | 0403 | 0502 | 0302 | 0403 | 0502 |
| 1R0 | 1.0 | M | 7.96MHz, 0.25V | 0.045 | 0.049 | 0.021 | 2.200 | 2.70 | 4.00 |
| 1R2 | 1.2 | M | 7.96MHz, 0.25V | 0.050 | 0.053 | 0.050 | 2.100 | 2.54 | 4.20 |
| 1R4 | 1.4 | M | 7.96MHz, 0.25V | 0.050 | 0.056 | - | 2.000 | 2.50 | - |
| 1R5 | 1.5 | M | 7.96MHz, 0.25V | 0.055 | 0.061 | 0.060 | 1.700 | 2.24 | 4.00 |
| 1R8 | 1.8 | M | 7.96MHz, 0.25V | 0.070 | 0.064 | 0.065 | 1.650 | 2.33 | 3.70 |
| 2R2 | 2.2 | M | 7.96MHz, 0.25V | 0.085 | 0.072 | 0.070 | 1.600 | 2.25 | 3.50 |
| 2R7 | 2.7 | M | 7.96MHz, 0.25V | 0.100 | 0.079 | 0.080 | 1.400 | 2.16 | 3.20 |
| 3R3 | 3.3 | M | 7.96MHz, 0.25V | 0.120 | 0.086 | 0.100 | 1.040 | 2.00 | 2.70 |
| 3R9 | 3.9 | M | 7.96MHz, 0.25V | 0.130 | 0.094 | 0.120 | 1.000 | 1.84 | 2.40 |
| 4R7 | 4.7 | M | 7.96MHz, 0.25V | 0.170 | 0.109 | 0.140 | 1.000 | 1.62 | 2.00 |
| 5R6 | 5.6 | M | 7.96MHz, 0.25V | 0.185 | 0.126 | 0.150 | 0.950 | 1.48 | 1.80 |
| 6R8 | 6.8 | M | 7.96MHz, 0.25V | 0.200 | 0.131 | 0.160 | 0.950 | 1.43 | 1.50 |
| 8R2 | 8.2 | M | 7.96MHz, 0.25V | 0.250 | 0.147 | 0.170 | 0.900 | 1.37 | 1.40 |
| 100 | 10 | K, M | 2.52MHz, 0.25V | 0.320 | 0.182 | 0.200 | 0.760 | 1.04 | 1.30 |
| 120 | 12 | K, M | 2.52MHz, 0.25V | 0.350 | 0.210 | 0.230 | 0.685 | 0.97 | 1.10 |
| 150 | 15 | K, M | 2.52MHz, 0.25V | 0.460 | 0.235 | 0.250 | 0.635 | 0.85 | 1.05 |
| 180 | 18 | K, M | 2.52MHz, 0.25V | 0.520 | 0.338 | 0.300 | 0.525 | 0.74 | 1.00 |
| 220 | 22 | K, M | 2.52MHz, 0.25V | 0.660 | 0.378 | 0.350 | 0.500 | 0.68 | 0.90 |
| 270 | 27 | K, M | 2.52MHz, 0.25V | 0.760 | 0.522 | 0.400 | 0.405 | 0.62 | 0.85 |
| 330 | 33 | K, M | 2.52MHz, 0.25V | 0.920 | 0.540 | 0.500 | 0.380 | 0.56 | 0.75 |
| 390 | 39 | K, M | 2.52MHz, 0.25V | 1.120 | 0.587 | 0.550 | 0.355 | 0.52 | 0.70 |
| 470 | 47 | K, M | 2.52MHz, 0.25V | 1.270 | 0.844 | 0.650 | 0.330 | 0.44 | 0.60 |
| 560 | 56 | K, M | 2.52MHz, 0.25V | 1.500 | 0.937 | 0.750 | 0.290 | 0.42 | 0.55 |
| 680 | 68 | K, M | 2.52MHz, 0.25V | 2.000 | 1.117 | 0.950 | 0.260 | 0.37 | 0.50 |
| 820 | 82 | K, M | 2.52MHz, 0.25V | 2.440 | 1.140 | 1.200 | 0.230 | 0.34 | 0.45 |
| 101 | 100 | K, M | 1KHz, 0.25V | 2.850 | 1.190 | 1.400 | 0.200 | 0.30 | 0.40 |
| 121 | 120 | K, M | 1KHz, 0.25V | 3.400 | 1.400 | 1.750 | 0.180 | 0.256 | 0.35 |
| 151 | 150 | K, M | 1KHz, 0.25V | 4.470 | 1.800 | 2.000 | 0.160 | 0.212 | 0.25 |
| 181 | 180 | K, M | 1KHz, 0.25V | 5.110 | 1.920 | 2.600 | 0.150 | 0.200 | 0.25 |
| 221 | 220 | K, M | 1KHz, 0.25V | 7.310 | 2.030 | 3.000 | 0.140 | 0.180 | 0.20 |
| 271 | 270 | K, M | 1KHz, 0.25V | 8.500 | 2.890 | 3.700 | 0.100 | 0.174 | 0.18 |
| 331 | 330 | K, M | 1KHz, 0.25V | 10.19 | 3.760 | 4.300 | 0.090 | 0.168 | 0.17 |
| 391 | 390 | K, M | 1KHz, 0.25V | - | 4.260 | 6.000 | - | 0.160 | 0.16 |
| 471 | 470 | K, M | 1KHz, 0.25V | - | 5.140 | 6.700 | - | 0.158 | 0.15 |
| 561 | 560 | K, M | 1KHz, 0.25V | - | 6.370 | - | - | 0.148 | - |
| 681 | 680 | K, M | 1KHz, 0.25V | - | 9.240 | - | - | 0.128 | - |

| Codes | L (μ H) | Tolerance | Test Condition | | DCR (Ω) max. | | | IDC (A) max. | | |
|-------|-----------------|-----------|----------------|----------------|--------------------------|-------|-------|-----------------|------|------|
| | | | 0503 0504 | 0703 | 0503 | 0504 | 0703 | 0503 | 0504 | 0703 |
| 1R0 | 1.0 | M | 7.96MHz, 0.25V | 100KHz, 0.25V | 0.03 | 0.010 | 0.018 | 4.50 | 5.00 | 1.64 |
| 1R2 | 1.2 | M | 7.96MHz, 0.25V | 100KHz, 0.25V | 0.03 | 0.012 | - | 4.20 | 4.77 | - |
| 1R5 | 1.5 | M | 7.96MHz, 0.25V | 100KHz, 0.25V | 0.03 | 0.013 | 0.020 | 4.10 | 4.50 | 1.60 |
| 1R8 | 1.8 | M | 7.96MHz, 0.25V | 100KHz, 0.25V | 0.03 | 0.016 | - | 3.70 | 4.25 | - |
| 2R2 | 2.2 | M | 7.96MHz, 0.25V | 100KHz, 0.25V | 0.03 | 0.017 | - | 3.50 | 4.20 | - |
| 2R7 | 2.7 | M | 7.96MHz, 0.25V | 100KHz, 0.25V | 0.04 | 0.025 | - | 3.20 | 4.00 | - |
| 3R3 | 3.3 | M | 7.96MHz, 0.25V | 100KHz, 0.25V | 0.05 | 0.034 | 0.025 | 2.80 | 2.50 | 1.59 |
| 3R9 | 3.9 | M | 7.96MHz, 0.25V | 100KHz, 0.25V | 0.06 | 0.035 | - | 2.60 | 2.20 | - |
| 4R7 | 4.7 | M | 7.96MHz, 0.25V | 100KHz, 0.25V | 0.07 | 0.035 | 0.039 | 2.50 | 2.00 | 1.54 |
| 5R6 | 5.6 | M | 7.96MHz, 0.25V | 100KHz, 0.25V | 0.08 | 0.042 | - | 2.40 | 1.82 | - |
| 6R8 | 6.8 | M | 7.96MHz, 0.25V | 100KHz, 0.25V | 0.09 | 0.060 | 0.040 | 2.20 | 1.69 | 1.49 |
| 8R2 | 8.2 | M | 7.96MHz, 0.25V | 100KHz, 0.25V | 0.10 | 0.060 | 0.080 | 2.00 | 1.56 | 1.46 |
| 100 | 10 | K, M | 2.52MHz, 0.25V | 2.52MHz, 0.25V | 0.13 | 0.100 | 0.080 | 1.80 | 1.44 | 1.44 |
| 120 | 12 | K, M | 2.52MHz, 0.25V | 2.52MHz, 0.25V | 0.16 | 0.120 | 0.090 | 1.75 | 1.40 | 1.39 |
| 150 | 15 | K, M | 2.52MHz, 0.25V | 2.52MHz, 0.25V | 0.19 | 0.140 | 0.104 | 1.70 | 1.30 | 1.24 |
| 180 | 18 | K, M | 2.52MHz, 0.25V | 2.52MHz, 0.25V | 0.21 | 0.150 | 0.111 | 1.60 | 1.23 | 1.12 |
| 220 | 22 | K, M | 2.52MHz, 0.25V | 2.52MHz, 0.25V | 0.28 | 0.180 | 0.129 | 1.50 | 1.11 | 1.07 |
| 270 | 27 | K, M | 2.52MHz, 0.25V | 2.52MHz, 0.25V | 0.32 | 0.200 | 0.153 | 1.40 | 0.97 | 0.94 |
| 330 | 33 | K, M | 2.52MHz, 0.25V | 2.52MHz, 0.25V | 0.38 | 0.230 | 0.170 | 1.10 | 0.88 | 0.85 |
| 390 | 39 | K, M | 2.52MHz, 0.25V | 2.52MHz, 0.25V | 0.42 | 0.320 | 0.217 | 1.00 | 0.80 | 0.74 |
| 470 | 47 | K, M | 2.52MHz, 0.25V | 2.52MHz, 0.25V | 0.43 | 0.370 | 0.252 | 0.90 | 0.72 | 0.68 |
| 560 | 56 | K, M | 2.52MHz, 0.25V | 2.52MHz, 0.25V | 0.50 | 0.420 | 0.282 | 0.85 | 0.68 | 0.64 |
| 680 | 68 | K, M | 2.52MHz, 0.25V | 2.52MHz, 0.25V | 0.68 | 0.460 | 0.332 | 0.80 | 0.61 | 0.59 |
| 820 | 82 | K, M | 2.52MHz, 0.25V | 2.52MHz, 0.25V | 0.82 | 0.600 | 0.406 | 0.65 | 0.58 | 0.54 |
| 101 | 100 | K, M | 1KHz, 0.25V | 1KHz, 0.25V | 1.10 | 0.700 | 0.481 | 0.60 | 0.52 | 0.51 |
| 121 | 120 | K, M | 1KHz, 0.25V | 1KHz, 0.25V | 1.20 | 0.930 | 0.536 | 0.58 | 0.48 | 0.49 |
| 151 | 150 | K, M | 1KHz, 0.25V | 1KHz, 0.25V | 1.50 | 1.100 | 0.755 | 0.43 | 0.40 | 0.40 |
| 181 | 180 | K, M | 1KHz, 0.25V | 1KHz, 0.25V | 1.80 | 1.380 | 1.022 | 0.41 | 0.38 | 0.36 |
| 221 | 220 | K, M | 1KHz, 0.25V | 1KHz, 0.25V | 2.00 | 1.570 | 1.200 | 0.38 | 0.35 | 0.31 |
| 271 | 270 | K, M | 1KHz, 0.25V | 1KHz, 0.25V | 2.90 | 1.600 | 1.306 | 0.35 | 0.34 | 0.29 |
| 331 | 330 | K, M | 1KHz, 0.25V | 1KHz, 0.25V | 3.30 | 1.820 | 1.495 | 0.28 | 0.32 | 0.28 |
| 391 | 390 | K, M | 1KHz, 0.25V | 1KHz, 0.25V | 3.70 | - | 1.700 | 0.26 | - | 0.27 |
| 471 | 470 | K, M | 1KHz, 0.25V | 1KHz, 0.25V | 4.90 | 2.760 | 2.100 | 0.20 | 0.30 | 0.26 |
| 561 | 560 | K, M | 1KHz, 0.25V | 1KHz, 0.25V | 5.00 | 3.100 | 2.660 | 0.19 | 0.29 | 0.25 |
| 681 | 680 | K, M | 1KHz, 0.25V | 1KHz, 0.25V | 6.00 | 4.050 | 3.000 | 0.18 | 0.28 | 0.23 |
| 821 | 820 | K, M | 1KHz, 0.25V | 1KHz, 0.25V | 6.60 | - | 3.630 | 0.15 | - | 0.21 |
| 102 | 1000 | K, M | 1KHz, 0.25V | 1KHz, 0.25V | 8.00 | - | 4.760 | 0.13 | - | 0.20 |

| Codes | L (μ H) | Tolerance | Test Condition | DCR (Ω) max. | | | | IDC (A) max. | | | |
|-------|-----------------|-----------|-------------------|--------------------------|-------|-------|-------|-----------------|-------|------|------|
| | | | | 0705 | 1004 | 1005 | 1006 | 0705 | 1004 | 1005 | 1006 |
| 1R0 | 1.0 | M | 100KHz, 0.25V | 0.013 | 0.012 | - | 0.008 | 3.40 | 8.70 | - | 9.50 |
| 1R2 | 1.2 | M | 100KHz, 0.25V | - | 0.014 | 0.009 | - | - | 8.00 | 8.63 | - |
| 1R5 | 1.5 | M | 100KHz, 0.25V | 0.016 | 0.016 | 0.010 | - | 3.30 | 7.480 | 8.00 | - |
| 1R8 | 1.8 | M | 100KHz, 0.25V | 0.020 | 0.018 | - | 0.011 | 3.20 | 6.80 | - | 8.60 |
| 2R2 | 2.2 | M | 100KHz, 0.25V | 0.023 | 0.020 | 0.014 | 0.012 | 3.00 | 5.40 | 6.80 | 7.20 |
| 2R5 | 2.5 | M | 100KHz, 0.25V | 0.026 | - | - | - | 2.90 | - | - | - |
| 2R7 | 2.7 | M | 100KHz, 0.25V | - | 0.024 | - | - | - | 3.20 | - | - |
| 3R3 | 3.3 | M | 100KHz, 0.25V | 0.028 | 0.028 | 0.018 | 0.016 | 2.80 | 2.85 | 3.05 | 6.80 |
| 3R9 | 3.9 | M | 100KHz, 0.25V | - | 0.030 | - | 0.017 | - | 2.80 | - | 6.35 |
| 4R7 | 4.7 | M | 100KHz, 0.25V | 0.045 | 0.038 | 0.020 | 0.019 | 2.70 | 2.75 | 2.90 | 5.45 |
| 5R6 | 5.6 | M | 100KHz, 0.25V | 0.048 | 0.040 | - | 0.024 | 2.65 | 2.70 | - | 4.30 |
| 6R8 | 6.8 | M | 100KHz, 0.25V | 0.058 | 0.042 | 0.040 | 0.035 | 2.60 | 2.65 | 2.75 | 3.52 |
| 8R2 | 8.2 | M | 100KHz, 0.25V | 0.07 | 0.048 | 0.050 | 0.045 | 2.40 | 2.60 | 2.70 | 3.51 |
| 100 | 10 | K, M | 2.52MHz, 0.25V | 0.07 | 0.053 | 0.060 | 0.060 | 2.30 | 2.38 | 2.60 | 3.50 |
| 120 | 12 | K, M | 2.52MHz, 0.25V | 0.08 | 0.061 | 0.070 | 0.070 | 2.00 | 2.13 | 2.45 | 3.40 |
| 150 | 15 | K, M | 2.52MHz, 0.25V | 0.09 | 0.070 | 0.080 | 0.080 | 1.80 | 1.87 | 2.27 | 3.10 |
| 180 | 18 | K, M | 2.52MHz, 0.25V | 0.10 | 0.081 | 0.090 | 0.090 | 1.60 | 1.73 | 2.15 | 3.00 |
| 220 | 22 | K, M | 2.52MHz, 0.25V | 0.11 | 0.088 | 0.100 | 0.100 | 1.50 | 1.60 | 1.95 | 2.60 |
| 270 | 27 | K, M | 2.52MHz, 0.25V | 0.12 | 0.100 | 0.110 | 0.110 | 1.30 | 1.44 | 1.76 | 2.40 |
| 330 | 33 | K, M | 2.52MHz, 0.25V | 0.13 | 0.120 | 0.120 | 0.120 | 1.20 | 1.26 | 1.50 | 2.30 |
| 390 | 39 | K, M | 2.52MHz, 0.25V | 0.16 | 0.151 | 0.140 | 0.140 | 1.10 | 1.20 | 1.37 | 2.10 |
| 470 | 47 | K, M | 2.52MHz, 0.25V | 0.18 | 0.170 | 0.170 | 0.170 | 1.10 | 1.10 | 1.28 | 1.95 |
| 560 | 56 | K, M | 2.52MHz, 0.25V | 0.24 | 0.199 | 0.190 | 0.190 | 0.94 | 1.01 | 1.17 | 1.85 |
| 680 | 68 | K, M | 2.52MHz, 0.25V | 0.28 | 0.223 | 0.220 | 0.220 | 0.85 | 0.91 | 1.11 | 1.65 |
| 820 | 82 | K, M | 2.52MHz, 0.25V | 0.37 | 0.252 | 0.250 | 0.250 | 0.78 | 0.85 | 1.00 | 1.50 |
| 101 | 100 | K, M | 1KHz, 0.25V | 0.43 | 0.344 | 0.350 | 0.350 | 0.72 | 0.74 | 0.97 | 1.40 |
| 121 | 120 | K, M | 1KHz, 0.25V | 0.47 | 0.396 | 0.400 | 0.400 | 0.66 | 0.69 | 0.89 | 1.30 |
| 151 | 150 | K, M | 1KHz, 0.25V | 0.64 | 0.544 | 0.470 | 0.470 | 0.58 | 0.61 | 0.78 | 1.20 |
| 181 | 180 | K, M | 1KHz, 0.25V | 0.71 | 0.621 | 0.630 | 0.630 | 0.51 | 0.56 | 0.72 | 1.00 |
| 221 | 220 | K, M | 1KHz, 0.25V | 0.96 | 0.721 | 0.730 | 0.730 | 0.49 | 0.53 | 0.66 | 0.95 |
| 271 | 270 | K, M | 1KHz, 0.25V | 1.11 | 0.949 | 0.970 | 0.970 | 0.42 | 0.45 | 0.57 | 0.90 |
| 331 | 330 | K, M | 1KHz, 0.25V | 1.26 | 1.100 | 1.150 | 1.150 | 0.40 | 0.42 | 0.52 | 0.80 |
| 391 | 390 | K, M | 1KHz, 0.25V | 1.77 | 1.245 | 1.300 | 1.300 | 0.36 | 0.38 | 0.48 | 0.75 |
| 471 | 470 | K, M | 1KHz, 0.25V | 1.96 | 1.526 | 1.480 | 1.480 | 0.34 | 0.35 | 0.42 | 0.65 |
| 561 | 560 | K, M | 1KHz, 0.25V | 2.28 | 1.904 | 1.900 | 1.900 | 0.32 | 0.32 | 0.33 | 0.60 |
| 681 | 680 | K, M | 1KHz, 0.25V | 2.48 | - | 2.250 | 2.250 | 0.30 | - | 0.28 | 0.50 |
| 821 | 820 | K, M | 1KHz, 0.25V | 3.40 | - | 2.550 | 2.550 | 0.30 | - | 0.24 | 0.48 |
| 102 | 1000 | K, M | 1KHz, 0.25V | 4.20 | - | 3.490 | 3.000 | 0.30 | - | 0.20 | 0.46 |