

QN0402X103J3435FA

R25=10kΩ±5%， B25/50=3380±1%， B25/85=3435±1%

| 温度 Temp. (°C) | R 最小值 R_Min (Kohm) | R 中心值 R_Cent (Kohm) | R 最大值 R_Max (Kohm) | 阻值公差 Res TOL. | 温度公差 Temp. TOL.(°C) |
|------------------|-----------------------|------------------------|-----------------------|------------------|------------------------|
| -40 | 182.010 | 197.390 | 213.534 | 8.18% | 1.39 |
| -39 | 172.103 | 186.540 | 201.683 | 8.12% | 1.39 |
| -38 | 162.793 | 176.350 | 190.559 | 8.06% | 1.39 |
| -37 | 154.063 | 166.800 | 180.139 | 8.00% | 1.40 |
| -36 | 145.849 | 157.820 | 170.346 | 7.94% | 1.40 |
| -35 | 138.134 | 149.390 | 161.159 | 7.88% | 1.40 |
| -34 | 130.919 | 141.510 | 152.575 | 7.82% | 1.40 |
| -33 | 124.121 | 134.090 | 144.497 | 7.76% | 1.40 |
| -32 | 117.723 | 127.110 | 136.902 | 7.70% | 1.40 |
| -31 | 111.688 | 120.530 | 129.746 | 7.65% | 1.40 |
| -30 | 106.008 | 114.340 | 123.018 | 7.59% | 1.40 |
| -29 | 100.674 | 108.530 | 116.706 | 7.53% | 1.40 |
| -28 | 95.631 | 103.040 | 110.745 | 7.48% | 1.40 |
| -27 | 90.880 | 97.870 | 105.135 | 7.42% | 1.40 |
| -26 | 86.391 | 92.989 | 99.840 | 7.37% | 1.40 |
| -25 | 82.152 | 88.381 | 94.844 | 7.31% | 1.40 |
| -24 | 78.153 | 84.036 | 90.136 | 7.26% | 1.40 |
| -23 | 74.372 | 79.931 | 85.690 | 7.21% | 1.40 |
| -22 | 70.798 | 76.052 | 81.491 | 7.15% | 1.40 |
| -21 | 67.417 | 72.384 | 77.523 | 7.10% | 1.40 |
| -20 | 64.218 | 68.915 | 73.771 | 7.05% | 1.39 |
| -19 | 61.190 | 65.634 | 70.225 | 6.99% | 1.39 |
| -18 | 58.324 | 62.529 | 66.870 | 6.94% | 1.39 |
| -17 | 55.608 | 59.589 | 63.695 | 6.89% | 1.39 |
| -16 | 53.035 | 56.804 | 60.689 | 6.84% | 1.39 |
| -15 | 50.596 | 54.166 | 57.843 | 6.79% | 1.39 |
| -14 | 48.282 | 51.665 | 55.146 | 6.74% | 1.39 |

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|------------------|-----------------------|------------------------|-----------------------|------------------|------------------------|
| -13 | 46.088 | 49.294 | 52.591 | 6.69% | 1.39 |
| -12 | 44.007 | 47.046 | 50.169 | 6.64% | 1.39 |
| -11 | 42.031 | 44.913 | 47.872 | 6.59% | 1.39 |
| -10 | 40.156 | 42.889 | 45.694 | 6.54% | 1.39 |
| -9 | 38.374 | 40.967 | 43.626 | 6.49% | 1.39 |
| -8 | 36.681 | 39.142 | 41.664 | 6.44% | 1.39 |
| -7 | 35.072 | 37.408 | 39.800 | 6.39% | 1.38 |
| -6 | 33.543 | 35.761 | 38.031 | 6.35% | 1.38 |
| -5 | 32.089 | 34.196 | 36.350 | 6.30% | 1.38 |
| -4 | 30.706 | 32.707 | 34.752 | 6.25% | 1.38 |
| -3 | 29.389 | 31.291 | 33.232 | 6.20% | 1.38 |
| -2 | 28.137 | 29.945 | 31.789 | 6.16% | 1.38 |
| -1 | 26.946 | 28.664 | 30.416 | 6.11% | 1.38 |
| 0 | 25.811 | 27.445 | 29.110 | 6.07% | 1.38 |
| 1 | 24.729 | 26.283 | 27.865 | 6.02% | 1.37 |
| 2 | 23.698 | 25.177 | 26.681 | 5.97% | 1.37 |
| 3 | 22.717 | 24.124 | 25.554 | 5.93% | 1.37 |
| 4 | 21.782 | 23.121 | 24.481 | 5.88% | 1.37 |
| 5 | 20.890 | 22.165 | 23.459 | 5.84% | 1.37 |
| 6 | 20.039 | 21.253 | 22.485 | 5.79% | 1.37 |
| 7 | 19.227 | 20.384 | 21.556 | 5.75% | 1.37 |
| 8 | 18.453 | 19.555 | 20.671 | 5.71% | 1.36 |
| 9 | 17.714 | 18.764 | 19.827 | 5.66% | 1.36 |
| 10 | 17.009 | 18.010 | 19.022 | 5.62% | 1.36 |
| 11 | 16.336 | 17.290 | 18.254 | 5.58% | 1.36 |
| 12 | 15.692 | 16.602 | 17.521 | 5.53% | 1.36 |
| 13 | 15.078 | 15.946 | 16.822 | 5.49% | 1.36 |
| 14 | 14.491 | 15.319 | 16.154 | 5.45% | 1.35 |
| 15 | 13.930 | 14.720 | 15.516 | 5.41% | 1.35 |
| 16 | 13.394 | 14.148 | 14.907 | 5.36% | 1.35 |

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|------------------|-----------------------|------------------------|-----------------------|------------------|------------------------|
| 17 | 12.881 | 13.601 | 14.325 | 5.32% | 1.35 |
| 18 | 12.391 | 13.078 | 13.769 | 5.28% | 1.35 |
| 19 | 11.922 | 12.578 | 13.237 | 5.24% | 1.34 |
| 20 | 11.472 | 12.099 | 12.728 | 5.20% | 1.34 |
| 21 | 11.043 | 11.642 | 12.243 | 5.16% | 1.34 |
| 22 | 10.632 | 11.204 | 11.778 | 5.12% | 1.34 |
| 23 | 10.238 | 10.785 | 11.333 | 5.08% | 1.34 |
| 24 | 9.861 | 10.384 | 10.907 | 5.04% | 1.33 |
| 25 | 9.500 | 10.000 | 10.500 | 5.00% | 1.33 |
| 26 | 9.147 | 9.632 | 10.118 | 5.04% | 1.35 |
| 27 | 8.809 | 9.280 | 9.751 | 5.08% | 1.37 |
| 28 | 8.486 | 8.943 | 9.400 | 5.12% | 1.39 |
| 29 | 8.176 | 8.619 | 9.063 | 5.16% | 1.41 |
| 30 | 7.879 | 8.309 | 8.741 | 5.19% | 1.43 |
| 31 | 7.594 | 8.012 | 8.431 | 5.23% | 1.44 |
| 32 | 7.321 | 7.727 | 8.134 | 5.27% | 1.46 |
| 33 | 7.060 | 7.453 | 7.849 | 5.31% | 1.48 |
| 34 | 6.809 | 7.191 | 7.575 | 5.35% | 1.50 |
| 35 | 6.568 | 6.939 | 7.313 | 5.38% | 1.52 |
| 36 | 6.337 | 6.698 | 7.061 | 5.42% | 1.54 |
| 37 | 6.116 | 6.466 | 6.819 | 5.46% | 1.56 |
| 38 | 5.903 | 6.243 | 6.586 | 5.50% | 1.58 |
| 39 | 5.699 | 6.029 | 6.363 | 5.53% | 1.60 |
| 40 | 5.503 | 5.824 | 6.148 | 5.57% | 1.62 |
| 41 | 5.315 | 5.627 | 5.942 | 5.61% | 1.64 |
| 42 | 5.134 | 5.437 | 5.744 | 5.64% | 1.66 |
| 43 | 4.960 | 5.255 | 5.553 | 5.68% | 1.68 |
| 44 | 4.793 | 5.080 | 5.370 | 5.71% | 1.70 |
| 45 | 4.632 | 4.911 | 5.193 | 5.75% | 1.73 |
| 46 | 4.478 | 4.749 | 5.024 | 5.78% | 1.75 |

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|------------------|-----------------------|------------------------|-----------------------|------------------|------------------------|
| 47 | 4.330 | 4.593 | 4.861 | 5.82% | 1.77 |
| 48 | 4.187 | 4.443 | 4.703 | 5.86% | 1.79 |
| 49 | 4.050 | 4.299 | 4.552 | 5.89% | 1.81 |
| 50 | 3.918 | 4.160 | 4.407 | 5.92% | 1.83 |
| 51 | 3.791 | 4.027 | 4.266 | 5.96% | 1.85 |
| 52 | 3.668 | 3.898 | 4.131 | 5.99% | 1.87 |
| 53 | 3.550 | 3.774 | 4.001 | 6.03% | 1.89 |
| 54 | 3.437 | 3.654 | 3.876 | 6.06% | 1.92 |
| 55 | 3.328 | 3.539 | 3.755 | 6.10% | 1.94 |
| 56 | 3.222 | 3.429 | 3.639 | 6.13% | 1.96 |
| 57 | 3.121 | 3.322 | 3.526 | 6.16% | 1.98 |
| 58 | 3.023 | 3.219 | 3.418 | 6.20% | 2.00 |
| 59 | 2.929 | 3.119 | 3.314 | 6.23% | 2.03 |
| 60 | 2.838 | 3.024 | 3.213 | 6.26% | 2.05 |
| 61 | 2.751 | 2.931 | 3.116 | 6.30% | 2.07 |
| 62 | 2.666 | 2.842 | 3.022 | 6.33% | 2.09 |
| 63 | 2.585 | 2.756 | 2.932 | 6.36% | 2.12 |
| 64 | 2.506 | 2.673 | 2.844 | 6.39% | 2.14 |
| 65 | 2.431 | 2.593 | 2.760 | 6.43% | 2.16 |
| 66 | 2.357 | 2.516 | 2.679 | 6.46% | 2.18 |
| 67 | 2.287 | 2.441 | 2.600 | 6.49% | 2.21 |
| 68 | 2.219 | 2.369 | 2.524 | 6.52% | 2.23 |
| 69 | 2.153 | 2.300 | 2.451 | 6.55% | 2.25 |
| 70 | 2.089 | 2.233 | 2.380 | 6.59% | 2.27 |
| 71 | 2.028 | 2.168 | 2.311 | 6.62% | 2.30 |
| 72 | 1.969 | 2.105 | 2.245 | 6.65% | 2.32 |
| 73 | 1.911 | 2.044 | 2.181 | 6.68% | 2.34 |
| 74 | 1.856 | 1.986 | 2.119 | 6.71% | 2.37 |
| 75 | 1.803 | 1.929 | 2.059 | 6.74% | 2.39 |
| 76 | 1.751 | 1.874 | 2.001 | 6.77% | 2.42 |

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|------------------|-----------------------|------------------------|-----------------------|------------------|------------------------|
| 77 | 1.701 | 1.821 | 1.945 | 6.80% | 2.44 |
| 78 | 1.653 | 1.770 | 1.891 | 6.83% | 2.46 |
| 79 | 1.606 | 1.720 | 1.838 | 6.86% | 2.49 |
| 80 | 1.561 | 1.673 | 1.788 | 6.89% | 2.51 |
| 81 | 1.517 | 1.626 | 1.739 | 6.92% | 2.54 |
| 82 | 1.475 | 1.581 | 1.691 | 6.95% | 2.56 |
| 83 | 1.434 | 1.538 | 1.645 | 6.98% | 2.58 |
| 84 | 1.394 | 1.496 | 1.601 | 7.01% | 2.61 |
| 85 | 1.356 | 1.455 | 1.557 | 7.04% | 2.63 |
| 86 | 1.319 | 1.416 | 1.516 | 7.07% | 2.66 |
| 87 | 1.283 | 1.377 | 1.475 | 7.10% | 2.68 |
| 88 | 1.248 | 1.340 | 1.436 | 7.13% | 2.71 |
| 89 | 1.214 | 1.304 | 1.398 | 7.16% | 2.73 |
| 90 | 1.182 | 1.270 | 1.361 | 7.19% | 2.76 |
| 91 | 1.150 | 1.236 | 1.325 | 7.22% | 2.78 |
| 92 | 1.119 | 1.204 | 1.291 | 7.25% | 2.81 |
| 93 | 1.090 | 1.172 | 1.257 | 7.28% | 2.83 |
| 94 | 1.061 | 1.141 | 1.225 | 7.30% | 2.86 |
| 95 | 1.033 | 1.112 | 1.193 | 7.33% | 2.88 |
| 96 | 1.006 | 1.083 | 1.162 | 7.36% | 2.91 |
| 97 | 0.980 | 1.055 | 1.133 | 7.39% | 2.94 |
| 98 | 0.954 | 1.028 | 1.104 | 7.42% | 2.96 |
| 99 | 0.930 | 1.002 | 1.076 | 7.44% | 2.99 |
| 100 | 0.906 | 0.976 | 1.049 | 7.47% | 3.01 |
| 101 | 0.883 | 0.951 | 1.023 | 7.50% | 3.04 |
| 102 | 0.860 | 0.927 | 0.997 | 7.53% | 3.07 |
| 103 | 0.838 | 0.904 | 0.972 | 7.55% | 3.09 |
| 104 | 0.817 | 0.882 | 0.948 | 7.58% | 3.12 |
| 105 | 0.797 | 0.860 | 0.925 | 7.61% | 3.15 |
| 106 | 0.777 | 0.838 | 0.902 | 7.64% | 3.17 |

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|------------------|-----------------------|------------------------|-----------------------|------------------|------------------------|
| 107 | 0.758 | 0.818 | 0.880 | 7.66% | 3.20 |
| 108 | 0.739 | 0.798 | 0.859 | 7.69% | 3.23 |
| 109 | 0.721 | 0.778 | 0.838 | 7.72% | 3.25 |
| 110 | 0.703 | 0.759 | 0.818 | 7.74% | 3.28 |
| 111 | 0.686 | 0.741 | 0.799 | 7.77% | 3.31 |
| 112 | 0.669 | 0.723 | 0.779 | 7.79% | 3.33 |
| 113 | 0.653 | 0.706 | 0.761 | 7.82% | 3.36 |
| 114 | 0.637 | 0.689 | 0.743 | 7.85% | 3.39 |
| 115 | 0.622 | 0.673 | 0.726 | 7.87% | 3.42 |
| 116 | 0.607 | 0.657 | 0.709 | 7.90% | 3.45 |
| 117 | 0.593 | 0.641 | 0.692 | 7.92% | 3.47 |
| 118 | 0.579 | 0.626 | 0.676 | 7.95% | 3.50 |
| 119 | 0.565 | 0.612 | 0.661 | 7.97% | 3.53 |
| 120 | 0.552 | 0.598 | 0.645 | 8.00% | 3.56 |
| 121 | 0.539 | 0.584 | 0.631 | 8.03% | 3.59 |
| 122 | 0.527 | 0.570 | 0.616 | 8.05% | 3.61 |
| 123 | 0.514 | 0.557 | 0.602 | 8.08% | 3.64 |
| 124 | 0.503 | 0.545 | 0.589 | 8.10% | 3.67 |
| 125 | 0.491 | 0.532 | 0.576 | 8.13% | 3.70 |