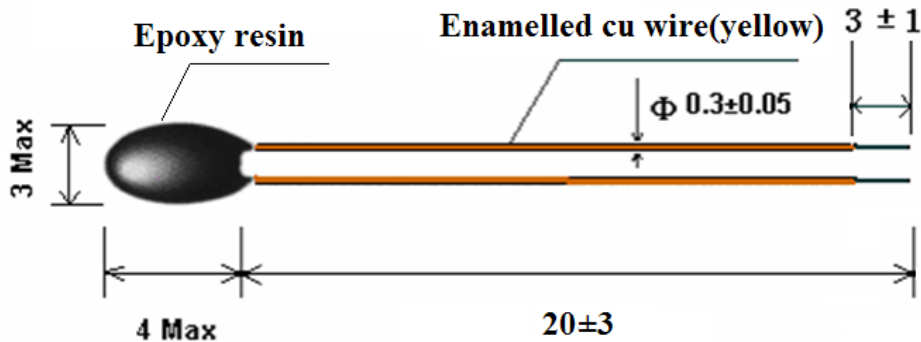


Specifications for NTC Thermistor

| | |
|--------------------|--------------------|
| Part No. | MF52B2 104H4250 |
| Operating criteria | Q/320115SHD03-2011 |

1、Dimensions(mm)



2、Materials

| Coating | | Lead wire | |
|-------------|-------|-------------------|--------|
| Material | Color | Material | Color |
| Epoxy Resin | Black | Enamelled Cu wire | Yellow |

3、Ordering information

| MF52 | B | 104 | H | 4250 |
|---|-------------------|-------------------------------|-----------|-----------------|
| Pearl-Shape Temp Measurement NTC Thermistor | Enamelled cu wire | Resistance | Tolerance | B-value (25/50) |
| | | $10 \times 10^4 = 100K\Omega$ | ±3% | 4250K |

4、Electrical characteristics

| | Item | Symbol | Test conditions | Unit | Specification |
|-----|---------------------------------|-------------|--|------------|---------------|
| 4.1 | Zero Power Resistance at 25°C | R_{25} | $T_a = 25 \pm 0.05^\circ\text{C}$ Test Power $\leq 0.1\text{mW}$ Test in fluid liquid | K Ω | 100±3% |
| 4.2 | B-value | $B_{25/50}$ | $B = [(T_a \times T_b) / (T_b - T_a)] \times \ln(R_a / R_b)$ $T_b = 50^\circ\text{C} \pm 0.1^\circ\text{C}$ | K | 4250±1% |
| 4.3 | Thermal dissipation Coefficient | δ | In still air | mW/°C | ≥ 2 |

| | | | | | |
|-----|-----------------------|--------|--------------|--------------------|--------------------|
| 4.4 | Thermal time constant | τ | In still air | sec | ≤ 7 |
| 4.5 | Insulation resistance | / | 100V/DC 1min | M Ω | ≥ 100 |
| 4.6 | Operating temperature | / | / | $^{\circ}\text{C}$ | -55 ~ 125 |
| 4.7 | R&T-table | / | / | / | See attached table |
| 4.8 | Resistance tolerance | / | / | / | See attached curve |

5、Reliability

| | Item | Test conditions and methods | Technical requirements |
|------|--|--|---|
| 5.1 | Solderability | The lead wire shall be dipped into solder bath of $235\pm 5^{\circ}\text{C}$ for 2~3sec with 6mm space from the body. | Solder dipped on lead wire should be uniform and smooth; the coverage area should be more than 95%. |
| 5.2 | Withstand Soldering heat | The lead wire shall be dipped into solder bath of $265\pm 5^{\circ}\text{C}$ for 5 ± 1 sec with 6mm space from the body. | No obvious damage, $R_{25} \Delta R/R \leq \pm 2\%$ |
| 5.3 | Terminal strength | Pull strength: 5N, time: 10sec | No obvious damage, $R_{25} \Delta R/R \leq \pm 2\%$ |
| 5.4 | Temperature cycle | -55°C 30min \rightarrow 25°C 5min \rightarrow 125°C 30min \rightarrow 25°C 5min, 5cycles ,recover 4hrs | No obvious damage, $R_{25} \Delta R/R \leq \pm 2\%$ |
| 5.5 | High temperature | Temperature: 125°C , time: 16hrs | No obvious damage, $R_{25} \Delta R/R \leq \pm 2\%$ |
| 5.6 | Low temperature | Temperature: -55°C , Time: 2hrs | No obvious damage, $R_{25} \Delta R/R \leq \pm 2\%$ |
| 5.7 | Low atmospheric pressure | Atmospheric pressure: $40\pm 0.1\text{Kpa}$, time :4hrs | No obvious damage, $R_{25} \Delta R/R \leq \pm 2\%$ |
| 5.8 | Steady humidity and heat | Temp: 40°C , humidity: 93%, Time : 500 ± 12 hrs | No obvious damage, $R_{25} \Delta R/R \leq \pm 2\%$, Withstanding voltage $\geq 700\text{V/AC}$ 1min Insulating resistance $\geq 100\text{M}\Omega$ |
| 5.9 | Damp heat | Temp: $25\sim 40^{\circ}\text{C}$, humidity: 90%, Time: 24hrs | No obvious damage, $R_{25} \Delta R/R \leq \pm 2\%$, Withstanding voltage $\geq 700\text{V/AC}$ 1min Insulating resistance $\geq 100\text{M}\Omega$ |
| 5.10 | Zero power endurance at upper category temperature | Temp : $125^{\circ}\text{C} \pm 2^{\circ}\text{C}$, Time : 1000 ± 24 hrs | No obvious damage, $R_{25} \Delta R/R \leq \pm 2\%$ |
| 5.11 | Vibrate | Frequency : 10~500HZ, swing : 0.75m or 98m/S^2 , time :2hurs | No obvious damage, $R_{25} \Delta R/R \leq \pm 2\%$ |
| 5.12 | Bump | Acceleration: 250m/S^2 , pulse duration : 6mS, Bump times: 4000times | No obvious damage, $R_{25} \Delta R/R \leq \pm 2\%$ |

| | | | | | | | |
|-----|----------|----------|----------|-------|--------|-------|--------|
| -43 | 4727.560 | 5068.910 | 5430.020 | 7.123 | -6.734 | 0.952 | -0.900 |
| -42 | 4356.040 | 4666.700 | 4995.020 | 7.035 | -6.657 | 0.950 | -0.899 |
| -41 | 4020.030 | 4303.240 | 4602.260 | 6.948 | -6.581 | 0.949 | -0.899 |
| -40 | 3715.510 | 3974.110 | 4246.870 | 6.863 | -6.506 | 0.947 | -0.898 |
| -39 | 3438.980 | 3675.460 | 3924.660 | 6.780 | -6.433 | 0.945 | -0.897 |
| -38 | 3187.380 | 3403.940 | 3631.950 | 6.698 | -6.362 | 0.943 | -0.896 |
| -37 | 2958.040 | 3156.640 | 3365.540 | 6.617 | -6.291 | 0.941 | -0.894 |
| -36 | 2748.620 | 2930.980 | 3122.630 | 6.538 | -6.221 | 0.939 | -0.893 |
| -35 | 2557.060 | 2724.720 | 2900.770 | 6.460 | -6.153 | 0.936 | -0.892 |
| -34 | 2381.540 | 2535.880 | 2697.780 | 6.384 | -6.085 | 0.934 | -0.890 |
| -33 | 2220.480 | 2362.700 | 2511.770 | 6.309 | -6.019 | 0.932 | -0.889 |
| -32 | 2072.440 | 2203.650 | 2341.050 | 6.235 | -5.954 | 0.929 | -0.887 |
| -31 | 1936.190 | 2057.360 | 2184.140 | 6.162 | -5.889 | 0.926 | -0.885 |
| -30 | 1810.600 | 1922.600 | 2039.700 | 6.090 | -5.825 | 0.924 | -0.883 |
| -29 | 1694.680 | 1798.320 | 1906.570 | 6.019 | -5.762 | 0.921 | -0.881 |
| -28 | 1587.560 | 1683.530 | 1783.690 | 5.949 | -5.700 | 0.918 | -0.879 |
| -27 | 1488.430 | 1577.380 | 1670.140 | 5.880 | -5.639 | 0.915 | -0.877 |
| -26 | 1396.590 | 1479.100 | 1565.070 | 5.812 | -5.578 | 0.912 | -0.875 |
| -25 | 1311.400 | 1388.000 | 1467.740 | 5.745 | -5.518 | 0.908 | -0.873 |
| -24 | 1232.300 | 1303.460 | 1377.480 | 5.678 | -5.458 | 0.905 | -0.870 |
| -23 | 1158.770 | 1224.920 | 1293.680 | 5.613 | -5.400 | 0.902 | -0.868 |
| -22 | 1090.350 | 1151.890 | 1215.800 | 5.548 | -5.341 | 0.898 | -0.865 |
| -21 | 1026.620 | 1083.900 | 1143.340 | 5.484 | -5.284 | 0.895 | -0.862 |
| -20 | 967.210 | 1020.550 | 1075.870 | 5.420 | -5.227 | 0.891 | -0.859 |
| -19 | 911.763 | 961.479 | 1012.990 | 5.357 | -5.170 | 0.887 | -0.856 |
| -18 | 859.975 | 906.332 | 954.327 | 5.295 | -5.114 | 0.884 | -0.853 |
| -17 | 811.565 | 854.811 | 899.552 | 5.233 | -5.059 | 0.880 | -0.850 |
| -16 | 766.274 | 806.639 | 848.366 | 5.172 | -5.004 | 0.876 | -0.847 |
| -15 | 723.870 | 761.563 | 800.498 | 5.112 | -4.949 | 0.872 | -0.844 |
| -14 | 684.138 | 719.352 | 755.698 | 5.052 | -4.895 | 0.868 | -0.840 |
| -13 | 646.883 | 679.795 | 713.738 | 4.993 | -4.841 | 0.863 | -0.837 |
| -12 | 611.926 | 642.699 | 674.411 | 4.934 | -4.788 | 0.859 | -0.834 |
| -11 | 579.105 | 607.888 | 637.528 | 4.875 | -4.734 | 0.855 | -0.830 |
| -10 | 548.268 | 575.201 | 602.913 | 4.817 | -4.682 | 0.850 | -0.826 |
| -9 | 519.278 | 544.488 | 570.408 | 4.760 | -4.629 | 0.846 | -0.822 |
| -8 | 492.009 | 515.613 | 539.864 | 4.703 | -4.578 | 0.841 | -0.819 |
| -7 | 466.342 | 488.452 | 511.148 | 4.646 | -4.526 | 0.836 | -0.815 |
| -6 | 442.173 | 462.887 | 484.135 | 4.590 | -4.475 | 0.832 | -0.811 |
| -5 | 419.399 | 438.812 | 458.711 | 4.534 | -4.423 | 0.827 | -0.807 |
| -4 | 397.932 | 416.130 | 434.769 | 4.479 | -4.373 | 0.822 | -0.802 |
| -3 | 377.684 | 394.749 | 412.212 | 4.424 | -4.322 | 0.817 | -0.798 |
| -2 | 358.579 | 374.584 | 390.951 | 4.369 | -4.272 | 0.812 | -0.794 |
| -1 | 340.544 | 355.558 | 370.900 | 4.314 | -4.222 | 0.807 | -0.790 |
| 0 | 323.511 | 337.600 | 351.984 | 4.260 | -4.173 | 0.802 | -0.785 |

| | | | | | | | |
|----|---------|---------|---------|-------|--------|-------|--------|
| 1 | 307.418 | 320.640 | 334.130 | 4.207 | -4.123 | 0.796 | -0.781 |
| 2 | 292.207 | 304.619 | 317.272 | 4.153 | -4.074 | 0.791 | -0.776 |
| 3 | 277.824 | 289.477 | 301.348 | 4.100 | -4.025 | 0.786 | -0.771 |
| 4 | 264.219 | 275.162 | 286.300 | 4.047 | -3.976 | 0.780 | -0.766 |
| 5 | 251.344 | 261.622 | 272.075 | 3.995 | -3.928 | 0.775 | -0.762 |
| 6 | 239.158 | 248.812 | 258.623 | 3.943 | -3.880 | 0.769 | -0.757 |
| 7 | 227.618 | 236.688 | 245.898 | 3.891 | -3.832 | 0.763 | -0.752 |
| 8 | 216.687 | 225.209 | 233.856 | 3.839 | -3.784 | 0.758 | -0.747 |
| 9 | 206.329 | 214.338 | 222.458 | 3.788 | -3.736 | 0.752 | -0.742 |
| 10 | 196.950 | 204.500 | 212.147 | 3.739 | -3.691 | 0.744 | -0.735 |
| 11 | 187.204 | 194.280 | 201.442 | 3.686 | -3.642 | 0.740 | -0.731 |
| 12 | 178.377 | 185.029 | 191.756 | 3.635 | -3.595 | 0.734 | -0.726 |
| 13 | 170.003 | 176.257 | 182.576 | 3.585 | -3.548 | 0.728 | -0.721 |
| 14 | 162.057 | 167.937 | 173.874 | 3.535 | -3.501 | 0.722 | -0.715 |
| 15 | 154.514 | 160.044 | 165.623 | 3.485 | -3.455 | 0.716 | -0.710 |
| 16 | 147.354 | 152.554 | 157.796 | 3.435 | -3.408 | 0.710 | -0.704 |
| 17 | 140.554 | 145.445 | 150.371 | 3.386 | -3.362 | 0.703 | -0.698 |
| 18 | 134.095 | 138.695 | 143.324 | 3.337 | -3.316 | 0.697 | -0.693 |
| 19 | 127.958 | 132.285 | 136.636 | 3.288 | -3.271 | 0.691 | -0.687 |
| 20 | 122.126 | 126.197 | 130.286 | 3.239 | -3.225 | 0.684 | -0.681 |
| 21 | 116.583 | 120.412 | 124.255 | 3.191 | -3.180 | 0.678 | -0.675 |
| 22 | 111.313 | 114.915 | 118.527 | 3.143 | -3.134 | 0.671 | -0.669 |
| 23 | 106.301 | 109.690 | 113.086 | 3.095 | -3.089 | 0.664 | -0.663 |
| 24 | 101.534 | 104.723 | 107.914 | 3.047 | -3.044 | 0.658 | -0.657 |
| 25 | 97.000 | 100.000 | 103.000 | 3.000 | -3.000 | 0.652 | -0.652 |
| 26 | 92.599 | 95.507 | 98.417 | 3.047 | -3.044 | 0.665 | -0.664 |
| 27 | 88.415 | 91.233 | 94.057 | 3.094 | -3.088 | 0.679 | -0.677 |
| 28 | 84.436 | 87.167 | 89.905 | 3.141 | -3.133 | 0.693 | -0.691 |
| 29 | 80.651 | 83.297 | 85.953 | 3.188 | -3.177 | 0.707 | -0.704 |
| 30 | 77.050 | 79.614 | 82.190 | 3.235 | -3.220 | 0.721 | -0.718 |
| 31 | 73.623 | 76.107 | 78.605 | 3.281 | -3.264 | 0.735 | -0.731 |
| 32 | 70.361 | 72.768 | 75.190 | 3.327 | -3.307 | 0.750 | -0.745 |
| 33 | 67.256 | 69.588 | 71.936 | 3.374 | -3.351 | 0.764 | -0.759 |
| 34 | 64.300 | 66.559 | 68.836 | 3.420 | -3.394 | 0.778 | -0.773 |
| 35 | 61.485 | 63.674 | 65.881 | 3.465 | -3.436 | 0.793 | -0.786 |
| 36 | 58.804 | 60.924 | 63.063 | 3.511 | -3.479 | 0.808 | -0.800 |
| 37 | 56.250 | 58.303 | 60.377 | 3.557 | -3.521 | 0.823 | -0.814 |
| 38 | 53.816 | 55.805 | 57.816 | 3.602 | -3.564 | 0.837 | -0.828 |
| 39 | 51.497 | 53.424 | 55.372 | 3.647 | -3.606 | 0.852 | -0.843 |
| 40 | 49.287 | 51.153 | 53.042 | 3.692 | -3.648 | 0.867 | -0.857 |
| 41 | 47.180 | 48.987 | 50.818 | 3.737 | -3.689 | 0.883 | -0.871 |
| 42 | 45.171 | 46.921 | 48.696 | 3.782 | -3.731 | 0.898 | -0.886 |
| 43 | 43.255 | 44.951 | 46.671 | 3.826 | -3.772 | 0.913 | -0.900 |
| 44 | 41.428 | 43.070 | 44.738 | 3.871 | -3.813 | 0.928 | -0.915 |

| | | | | | | | |
|----|--------|--------|--------|-------|--------|-------|--------|
| 45 | 39.685 | 41.276 | 42.892 | 3.915 | -3.854 | 0.944 | -0.929 |
| 46 | 38.022 | 39.563 | 41.130 | 3.959 | -3.895 | 0.959 | -0.944 |
| 47 | 36.436 | 37.928 | 39.447 | 4.003 | -3.935 | 0.975 | -0.959 |
| 48 | 34.921 | 36.367 | 37.839 | 4.047 | -3.976 | 0.991 | -0.973 |
| 49 | 33.476 | 34.877 | 36.304 | 4.090 | -4.016 | 1.007 | -0.988 |
| 50 | 32.010 | 33.365 | 34.745 | 4.136 | -4.058 | 1.021 | -1.001 |
| 51 | 30.779 | 32.093 | 33.434 | 4.177 | -4.096 | 1.038 | -1.018 |
| 52 | 29.521 | 30.794 | 32.094 | 4.220 | -4.135 | 1.055 | -1.033 |
| 53 | 28.319 | 29.553 | 30.813 | 4.263 | -4.175 | 1.071 | -1.049 |
| 54 | 27.171 | 28.367 | 29.588 | 4.305 | -4.214 | 1.087 | -1.064 |
| 55 | 26.074 | 27.233 | 28.417 | 4.348 | -4.253 | 1.103 | -1.079 |
| 56 | 25.026 | 26.149 | 27.297 | 4.390 | -4.292 | 1.120 | -1.095 |
| 57 | 24.025 | 25.112 | 26.226 | 4.433 | -4.331 | 1.136 | -1.110 |
| 58 | 23.067 | 24.121 | 25.201 | 4.475 | -4.369 | 1.153 | -1.126 |
| 59 | 22.152 | 23.173 | 24.220 | 4.517 | -4.407 | 1.170 | -1.141 |
| 60 | 21.277 | 22.267 | 23.282 | 4.558 | -4.446 | 1.186 | -1.157 |
| 61 | 20.440 | 21.399 | 22.384 | 4.600 | -4.484 | 1.203 | -1.173 |
| 62 | 19.639 | 20.569 | 21.524 | 4.641 | -4.521 | 1.220 | -1.189 |
| 63 | 18.874 | 19.775 | 20.701 | 4.682 | -4.559 | 1.237 | -1.205 |
| 64 | 18.141 | 19.015 | 19.913 | 4.723 | -4.596 | 1.255 | -1.221 |
| 65 | 17.440 | 18.287 | 19.159 | 4.764 | -4.634 | 1.272 | -1.237 |
| 66 | 16.769 | 17.591 | 18.436 | 4.805 | -4.671 | 1.289 | -1.253 |
| 67 | 16.127 | 16.923 | 17.744 | 4.846 | -4.707 | 1.307 | -1.269 |
| 68 | 15.512 | 16.284 | 17.080 | 4.886 | -4.744 | 1.324 | -1.286 |
| 69 | 14.923 | 15.672 | 16.445 | 4.926 | -4.781 | 1.342 | -1.302 |
| 70 | 14.359 | 15.086 | 15.835 | 4.966 | -4.817 | 1.360 | -1.319 |
| 71 | 13.819 | 14.524 | 15.251 | 5.006 | -4.853 | 1.377 | -1.335 |
| 72 | 13.302 | 13.986 | 14.692 | 5.046 | -4.889 | 1.395 | -1.352 |
| 73 | 12.806 | 13.470 | 14.155 | 5.085 | -4.925 | 1.413 | -1.369 |
| 74 | 12.332 | 12.975 | 13.640 | 5.124 | -4.960 | 1.431 | -1.385 |
| 75 | 11.876 | 12.501 | 13.147 | 5.164 | -4.996 | 1.450 | -1.402 |
| 76 | 11.440 | 12.046 | 12.673 | 5.203 | -5.031 | 1.468 | -1.419 |
| 77 | 11.022 | 11.610 | 12.219 | 5.241 | -5.066 | 1.486 | -1.436 |
| 78 | 10.621 | 11.192 | 11.783 | 5.280 | -5.101 | 1.505 | -1.454 |
| 79 | 10.236 | 10.791 | 11.365 | 5.318 | -5.135 | 1.523 | -1.471 |
| 80 | 9.868 | 10.406 | 10.963 | 5.357 | -5.170 | 1.542 | -1.488 |
| 81 | 9.514 | 10.036 | 10.578 | 5.395 | -5.204 | 1.561 | -1.505 |
| 82 | 9.174 | 9.682 | 10.208 | 5.433 | -5.238 | 1.579 | -1.523 |
| 83 | 8.849 | 9.341 | 9.852 | 5.470 | -5.272 | 1.598 | -1.540 |
| 84 | 8.536 | 9.014 | 9.511 | 5.508 | -5.306 | 1.617 | -1.558 |
| 85 | 8.236 | 8.701 | 9.183 | 5.545 | -5.339 | 1.637 | -1.576 |
| 86 | 7.948 | 8.399 | 8.868 | 5.583 | -5.373 | 1.656 | -1.593 |
| 87 | 7.671 | 8.110 | 8.565 | 5.620 | -5.406 | 1.675 | -1.611 |
| 88 | 7.406 | 7.832 | 8.275 | 5.657 | -5.439 | 1.694 | -1.629 |

| | | | | | | | |
|-----|-------|-------|-------|-------|--------|-------|--------|
| 89 | 7.150 | 7.564 | 7.995 | 5.693 | -5.472 | 1.714 | -1.647 |
| 90 | 6.905 | 7.308 | 7.726 | 5.730 | -5.504 | 1.734 | -1.665 |
| 91 | 6.670 | 7.061 | 7.468 | 5.766 | -5.537 | 1.753 | -1.684 |
| 92 | 6.444 | 6.824 | 7.220 | 5.802 | -5.569 | 1.773 | -1.702 |
| 93 | 6.226 | 6.596 | 6.981 | 5.838 | -5.601 | 1.793 | -1.720 |
| 94 | 6.017 | 6.376 | 6.751 | 5.874 | -5.633 | 1.813 | -1.739 |
| 95 | 5.816 | 6.166 | 6.530 | 5.910 | -5.665 | 1.833 | -1.757 |
| 96 | 5.623 | 5.963 | 6.317 | 5.945 | -5.696 | 1.853 | -1.776 |
| 97 | 5.437 | 5.768 | 6.113 | 5.980 | -5.728 | 1.873 | -1.794 |
| 98 | 5.259 | 5.580 | 5.916 | 6.015 | -5.759 | 1.894 | -1.813 |
| 99 | 5.087 | 5.399 | 5.726 | 6.050 | -5.790 | 1.914 | -1.832 |
| 100 | 4.921 | 5.226 | 5.544 | 6.085 | -5.821 | 1.935 | -1.851 |
| 101 | 4.762 | 5.058 | 5.368 | 6.119 | -5.851 | 1.955 | -1.870 |
| 102 | 4.609 | 4.897 | 5.198 | 6.154 | -5.882 | 1.976 | -1.889 |
| 103 | 4.462 | 4.742 | 5.035 | 6.188 | -5.912 | 1.997 | -1.908 |
| 104 | 4.320 | 4.593 | 4.878 | 6.222 | -5.942 | 2.018 | -1.927 |
| 105 | 4.183 | 4.449 | 4.727 | 6.256 | -5.972 | 2.039 | -1.947 |
| 106 | 4.051 | 4.310 | 4.581 | 6.289 | -6.002 | 2.060 | -1.966 |
| 107 | 3.925 | 4.177 | 4.441 | 6.323 | -6.031 | 2.081 | -1.985 |
| 108 | 3.802 | 4.048 | 4.305 | 6.356 | -6.061 | 2.103 | -2.005 |
| 109 | 3.685 | 3.924 | 4.175 | 6.389 | -6.090 | 2.124 | -2.025 |
| 110 | 3.571 | 3.804 | 4.049 | 6.422 | -6.119 | 2.146 | -2.044 |
| 111 | 3.462 | 3.689 | 3.927 | 6.455 | -6.148 | 2.167 | -2.064 |
| 112 | 3.357 | 3.578 | 3.810 | 6.487 | -6.177 | 2.189 | -2.084 |
| 113 | 3.255 | 3.471 | 3.697 | 6.520 | -6.205 | 2.211 | -2.104 |
| 114 | 3.158 | 3.367 | 3.588 | 6.552 | -6.233 | 2.233 | -2.124 |
| 115 | 3.063 | 3.268 | 3.483 | 6.584 | -6.262 | 2.255 | -2.144 |
| 116 | 2.972 | 3.172 | 3.381 | 6.616 | -6.290 | 2.277 | -2.165 |
| 117 | 2.884 | 3.079 | 3.284 | 6.647 | -6.317 | 2.299 | -2.185 |
| 118 | 2.800 | 2.989 | 3.189 | 6.679 | -6.345 | 2.321 | -2.205 |
| 119 | 2.718 | 2.903 | 3.098 | 6.710 | -6.373 | 2.344 | -2.226 |
| 120 | 2.639 | 2.819 | 3.009 | 6.741 | -6.400 | 2.366 | -2.246 |
| 121 | 2.563 | 2.739 | 2.924 | 6.772 | -6.427 | 2.389 | -2.267 |
| 122 | 2.489 | 2.661 | 2.842 | 6.803 | -6.454 | 2.411 | -2.288 |
| 123 | 2.418 | 2.586 | 2.763 | 6.834 | -6.481 | 2.434 | -2.309 |
| 124 | 2.350 | 2.513 | 2.686 | 6.864 | -6.507 | 2.457 | -2.329 |
| 125 | 2.283 | 2.443 | 2.612 | 6.894 | -6.534 | 2.480 | -2.350 |

