# THERMISTOR R-Temp

R25:10kΩ+/-5%
B25/85:3435K+/-3%

| Temp (deg.C) | Min (kΩ) | Nom (kΩ) | Max (kΩ) |
|---|---|---|---|
| -40 | 164.0 | 188.5 | 216.2 |
| -39 | 155.6 | 178.6 | 204.4 |
| -38 | 147.7 | 169.2 | 193.4 |
| -37 | 140.2 | 160.4 | 183.1 |
| -36 | 133.2 | 152.1 | 173.3 |
| -35 | 126.5 | 144.3 | 164.1 |
| -34 | 120.2 | 136.9 | 155.5 |
| -33 | 114.3 | 130.0 | 147.4 |
| -32 | 108.7 | 123.4 | 139.7 |
| -31 | 103.4 | 117.2 | 132.5 |
| -30 | 98.39 | 111.3 | 125.7 |
| -29 | 93.64 | 105.8 | 119.2 |
| -28 | 89.16 | 100.6 | 113.2 |
| -27 | 84.91 | 95.64 | 107.5 |
| -26 | 80.88 | 90.97 | 102.1 |
| -25 | 77.07 | 86.56 | 96.96 |
| -24 | 73.46 | 82.38 | 92.15 |
| -23 | 70.04 | 78.43 | 87.60 |
| -22 | 66.80 | 74.69 | 83.30 |
| -21 | 63.72 | 71.14 | 79.23 |
| -20 | 60.81 | 67.79 | 75.38 |
| -19 | 58.04 | 64.61 | 71.75 |
| -18 | 55.41 | 61.60 | 68.30 |
| -17 | 52.92 | 58.74 | 65.04 |
| -16 | 50.55 | 56.03 | 61.96 |
| -15 | 48.30 | 53.46 | 59.03 |
| -14 | 46.16 | 51.03 | 56.26 |
| -13 | 44.13 | 48.71 | 53.64 |
| -12 | 42.20 | 46.52 | 51.15 |
| -11 | 40.36 | 44.43 | 48.79 |
| -10 | 38.62 | 42.45 | 46.55 |
| -9 | 36.96 | 40.57 | 44.43 |
| -8 | 35.37 | 38.78 | 42.41 |
| -7 | 33.87 | 37.08 | 40.50 |
| -6 | 32.44 | 35.46 | 38.68 |
| -5 | 31.07 | 33.93 | 36.95 |
| -4 | 29.77 | 32.46 | 35.31 |
| -3 | 28.53 | 31.07 | 33.75 |
| -2 | 27.35 | 29.75 | 32.27 |
| -1 | 26.22 | 28.49 | 30.86 |
| 0 | 25.15 | 27.28 | 29.52 |
| 1 | 24.13 | 26.14 | 28.25 |
| 2 | 23.15 | 25.05 | 27.04 |
| 3 | 22.22 | 24.01 | 25.88 |
| 4 | 21.33 | 23.02 | 24.78 |
| 5 | 20.48 | 22.07 | 23.73 |
| 6 | 19.67 | 21.17 | 22.74 |
| 7 | 18.89 | 20.31 | 21.79 |
| 8 | 18.15 | 19.49 | 20.88 |
| 9 | 17.44 | 18.71 | 20.02 |

# THERMISTOR R-Temp

R25:10kΩ+/-5%
B25/85:3435K+/-3%

| Temp (deg.C) | Min (kΩ) | Nom (kΩ) | Max (kΩ) |
|---|---|---|---|
| 10 | 16.77 | 17.96 | 19.19 |
| 11 | 16.12 | 17.25 | 18.41 |
| 12 | 15.50 | 16.57 | 17.66 |
| 13 | 14.91 | 15.91 | 16.95 |
| 14 | 14.34 | 15.29 | 16.26 |
| 15 | 13.80 | 14.70 | 15.61 |
| 16 | 13.28 | 14.13 | 14.99 |
| 17 | 12.79 | 13.59 | 14.40 |
| 18 | 12.31 | 13.07 | 13.83 |
| 19 | 11.86 | 12.57 | 13.29 |
| 20 | 11.42 | 12.09 | 12.77 |
| 21 | 11.00 | 11.64 | 12.27 |
| 22 | 10.60 | 11.20 | 11.80 |
| 23 | 10.22 | 10.78 | 11.35 |
| 24 | 9.853 | 10.38 | 10.91 |
| 25 | 9.500 | 10.00 | 10.50 |
| 26 | 9.141 | 9.633 | 10.13 |
| 27 | 8.798 | 9.282 | 9.767 |
| 28 | 8.469 | 8.945 | 9.423 |
| 29 | 8.154 | 8.622 | 9.093 |
| 30 | 7.852 | 8.312 | 8.776 |
| 31 | 7.564 | 8.015 | 8.471 |
| 32 | 7.287 | 7.730 | 8.179 |
| 33 | 7.021 | 7.456 | 7.898 |
| 34 | 6.767 | 7.194 | 7.629 |
| 35 | 6.523 | 6.942 | 7.370 |
| 36 | 6.289 | 6.700 | 7.121 |
| 37 | 6.065 | 6.468 | 6.881 |
| 38 | 5.850 | 6.245 | 6.651 |
| 39 | 5.644 | 6.031 | 6.430 |
| 40 | 5.445 | 5.826 | 6.217 |
| 41 | 5.255 | 5.628 | 6.012 |
| 42 | 5.073 | 5.438 | 5.815 |
| 43 | 4.897 | 5.255 | 5.626 |
| 44 | 4.729 | 5.080 | 5.443 |
| 45 | 4.567 | 4.911 | 5.268 |
| 46 | 4.412 | 4.749 | 5.099 |
| 47 | 4.262 | 4.592 | 4.936 |
| 48 | 4.119 | 4.442 | 4.779 |
| 49 | 3.980 | 4.297 | 4.628 |
| 50 | 3.848 | 4.158 | 4.483 |
| 51 | 3.720 | 4.024 | 4.342 |
| 52 | 3.597 | 3.895 | 4.207 |
| 53 | 3.479 | 3.771 | 4.077 |
| 54 | 3.365 | 3.651 | 3.951 |
| 55 | 3.256 | 3.536 | 3.830 |
| 56 | 3.151 | 3.425 | 3.714 |
| 57 | 3.049 | 3.318 | 3.601 |
| 58 | 2.952 | 3.215 | 3.492 |
| 59 | 2.858 | 3.115 | 3.387 |

# THERMISTOR R-Temp

R25:10kΩ+/-5%
B25/85:3435K+/-3%

Customer:
Customer'S P/N:
TDK P/N :NTCG103JH103J
TDK P/N :NTCG163JH103J

| Temp (deg.C) | Min (kΩ) | Nom (kΩ) | Max (kΩ) |
|---|---|---|---|
| 60 | 2.767 | 3.019 | 3.286 |
| 61 | 2.680 | 2.927 | 3.188 |
| 62 | 2.596 | 2.837 | 3.094 |
| 63 | 2.515 | 2.751 | 3.003 |
| 64 | 2.436 | 2.668 | 2.915 |
| 65 | 2.361 | 2.588 | 2.830 |
| 66 | 2.288 | 2.511 | 2.748 |
| 67 | 2.218 | 2.436 | 2.669 |
| 68 | 2.151 | 2.364 | 2.592 |
| 69 | 2.086 | 2.295 | 2.518 |
| 70 | 2.023 | 2.227 | 2.447 |
| 71 | 1.962 | 2.163 | 2.377 |
| 72 | 1.904 | 2.100 | 2.310 |
| 73 | 1.847 | 2.039 | 2.246 |
| 74 | 1.792 | 1.981 | 2.183 |
| 75 | 1.740 | 1.924 | 2.123 |
| 76 | 1.689 | 1.869 | 2.064 |
| 77 | 1.640 | 1.817 | 2.008 |
| 78 | 1.592 | 1.765 | 1.953 |
| 79 | 1.546 | 1.716 | 1.900 |
| 80 | 1.502 | 1.668 | 1.848 |
| 81 | 1.459 | 1.622 | 1.799 |
| 82 | 1.418 | 1.577 | 1.750 |
| 83 | 1.377 | 1.534 | 1.704 |
| 84 | 1.339 | 1.492 | 1.659 |
| 85 | 1.301 | 1.451 | 1.615 |
| 86 | 1.265 | 1.412 | 1.572 |
| 87 | 1.230 | 1.374 | 1.531 |
| 88 | 1.196 | 1.337 | 1.491 |
| 89 | 1.163 | 1.302 | 1.453 |
| 90 | 1.131 | 1.267 | 1.415 |
| 91 | 1.101 | 1.234 | 1.379 |
| 92 | 1.071 | 1.201 | 1.344 |
| 93 | 1.042 | 1.170 | 1.310 |
| 94 | 1.014 | 1.139 | 1.277 |
| 95 | 0.987 | 1.110 | 1.245 |
| 96 | 0.961 | 1.081 | 1.214 |
| 97 | 0.935 | 1.054 | 1.183 |
| 98 | 0.911 | 1.027 | 1.154 |
| 99 | 0.887 | 1.001 | 1.126 |
| 100 | 0.864 | 0.975 | 1.098 |
| 101 | 0.842 | 0.951 | 1.071 |
| 102 | 0.820 | 0.927 | 1.045 |
| 103 | 0.799 | 0.904 | 1.020 |
| 104 | 0.778 | 0.881 | 0.995 |
| 105 | 0.759 | 0.860 | 0.972 |
| 106 | 0.739 | 0.838 | 0.948 |
| 107 | 0.721 | 0.818 | 0.926 |
| 108 | 0.703 | 0.798 | 0.904 |
| 109 | 0.685 | 0.779 | 0.883 |

# THERMISTOR R-Temp

R25:10kΩ+/-5%
B25/85:3435K+/-3%

Customer:
Customer'S P/N:
TDK P/N :NTCG103JH103J
TDK P/N :NTCG163JH103J

| Temp (deg.C) | Min (kΩ) | Nom (kΩ) | Max (kΩ) |
|---|---|---|---|
| 110 | 0.668 | 0.760 | 0.862 |
| 111 | 0.652 | 0.742 | 0.842 |
| 112 | 0.636 | 0.724 | 0.823 |
| 113 | 0.620 | 0.707 | 0.804 |
| 114 | 0.605 | 0.690 | 0.785 |
| 115 | 0.590 | 0.674 | 0.767 |
| 116 | 0.576 | 0.658 | 0.750 |
| 117 | 0.562 | 0.643 | 0.733 |
| 118 | 0.549 | 0.628 | 0.716 |
| 119 | 0.536 | 0.613 | 0.700 |
| 120 | 0.523 | 0.599 | 0.685 |
| 121 | 0.511 | 0.585 | 0.669 |
| 122 | 0.499 | 0.572 | 0.655 |
| 123 | 0.487 | 0.559 | 0.640 |
| 124 | 0.476 | 0.546 | 0.626 |
| 125 | 0.465 | 0.534 | 0.612 |