

## QN0603X104F3950FB

R25=100kΩ±1%, B25/50=3950±1%, B25/85=3987

| 温度<br>Temp. (°C) | R 最小值<br>R_Min (Kohm) | R 中心值<br>R_Cent (Kohm) | R 最大值<br>R_Max (Kohm) | 阻值公差<br>Res TOL. | 温度公差<br>Temp. TOL.(°C) |
|------------------|-----------------------|------------------------|-----------------------|------------------|------------------------|
| -40              | 3,299.275             | 3,452.748              | 3,613.000             | 4.64%            | 0.67                   |
| -39              | 3,086.507             | 3,227.909              | 3,375.451             | 4.57%            | 0.66                   |
| -38              | 2,888.916             | 3,019.247              | 3,155.143             | 4.50%            | 0.66                   |
| -37              | 2,705.320             | 2,825.494              | 2,950.711             | 4.43%            | 0.65                   |
| -36              | 2,534.636             | 2,645.486              | 2,760.908             | 4.36%            | 0.65                   |
| -35              | 2,375.874             | 2,478.161              | 2,584.594             | 4.29%            | 0.64                   |
| -34              | 2,228.123             | 2,322.542              | 2,420.720             | 4.23%            | 0.64                   |
| -33              | 2,090.549             | 2,177.736              | 2,268.333             | 4.16%            | 0.63                   |
| -32              | 1,962.386             | 2,042.922              | 2,126.550             | 4.09%            | 0.63                   |
| -31              | 1,842.930             | 1,917.347              | 1,994.569             | 4.03%            | 0.62                   |
| -30              | 1,731.535             | 1,800.319              | 1,871.649             | 3.96%            | 0.61                   |
| -29              | 1,627.605             | 1,691.203              | 1,757.110             | 3.90%            | 0.61                   |
| -28              | 1,530.593             | 1,589.414              | 1,650.330             | 3.83%            | 0.60                   |
| -27              | 1,439.996             | 1,494.413              | 1,550.732             | 3.77%            | 0.60                   |
| -26              | 1,355.349             | 1,405.707              | 1,457.791             | 3.71%            | 0.59                   |
| -25              | 1,276.225             | 1,322.839              | 1,371.019             | 3.64%            | 0.59                   |
| -24              | 1,202.069             | 1,245.222              | 1,289.795             | 3.58%            | 0.58                   |
| -23              | 1,132.704             | 1,172.662              | 1,213.908             | 3.52%            | 0.58                   |
| -22              | 1,067.789             | 1,104.798              | 1,142.976             | 3.46%            | 0.57                   |
| -21              | 1,007.012             | 1,041.298              | 1,076.644             | 3.39%            | 0.56                   |
| -20              | 950.083               | 981.854                | 1,014.586             | 3.33%            | 0.56                   |
| -19              | 896.736               | 926.182                | 956.500               | 3.27%            | 0.55                   |
| -18              | 846.723               | 874.020                | 902.107               | 3.21%            | 0.55                   |
| -17              | 799.816               | 825.125                | 851.151               | 3.15%            | 0.54                   |
| -16              | 755.802               | 779.274                | 803.393               | 3.10%            | 0.53                   |
| -15              | 714.487               | 736.257                | 758.614               | 3.04%            | 0.53                   |
| -14              | 675.688               | 695.883                | 716.610               | 2.98%            | 0.52                   |

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|------------------|-----------------------|------------------------|-----------------------|------------------|------------------------|
| -13              | 639.237               | 657.974                | 677.193               | 2.92%            | 0.51                   |
| -12              | 604.978               | 622.365                | 640.187               | 2.86%            | 0.51                   |
| -11              | 572.767               | 588.902                | 605.432               | 2.81%            | 0.50                   |
| -10              | 542.468               | 557.444                | 572.776               | 2.75%            | 0.49                   |
| -9               | 513.958               | 527.858                | 542.081               | 2.69%            | 0.49                   |
| -8               | 487.119               | 500.023                | 513.217               | 2.64%            | 0.48                   |
| -7               | 461.844               | 473.824                | 486.065               | 2.58%            | 0.47                   |
| -6               | 438.034               | 449.155                | 460.513               | 2.53%            | 0.47                   |
| -5               | 415.595               | 425.920                | 436.458               | 2.47%            | 0.46                   |
| -4               | 394.410               | 403.995                | 413.772               | 2.42%            | 0.45                   |
| -3               | 374.434               | 383.332                | 392.403               | 2.37%            | 0.45                   |
| -2               | 355.589               | 363.850                | 372.266               | 2.31%            | 0.44                   |
| -1               | 337.807               | 345.475                | 353.283               | 2.26%            | 0.43                   |
| 0                | 321.020               | 328.139                | 335.382               | 2.21%            | 0.43                   |
| 1                | 305.185               | 311.793                | 318.513               | 2.16%            | 0.42                   |
| 2                | 290.224               | 296.357                | 302.590               | 2.10%            | 0.41                   |
| 3                | 276.083               | 281.775                | 287.557               | 2.05%            | 0.40                   |
| 4                | 262.713               | 267.995                | 273.357               | 2.00%            | 0.40                   |
| 5                | 250.067               | 254.969                | 259.940               | 1.95%            | 0.39                   |
| 6                | 238.082               | 242.628                | 247.236               | 1.90%            | 0.38                   |
| 7                | 226.741               | 230.956                | 235.227               | 1.85%            | 0.37                   |
| 8                | 216.007               | 219.915                | 223.872               | 1.80%            | 0.37                   |
| 9                | 205.845               | 209.467                | 213.132               | 1.75%            | 0.36                   |
| 10               | 196.220               | 199.576                | 202.969               | 1.70%            | 0.35                   |
| 11               | 187.106               | 190.215                | 193.357               | 1.65%            | 0.34                   |
| 12               | 178.469               | 181.348                | 184.255               | 1.60%            | 0.33                   |
| 13               | 170.278               | 172.943                | 175.632               | 1.55%            | 0.33                   |
| 14               | 162.511               | 164.976                | 167.462               | 1.51%            | 0.32                   |
| 15               | 155.141               | 157.420                | 159.718               | 1.46%            | 0.31                   |
| 16               | 148.144               | 150.250                | 152.372               | 1.41%            | 0.30                   |

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|------------------|-----------------------|------------------------|-----------------------|------------------|------------------------|
| 17               | 141.502               | 143.448                | 145.406               | 1.37%            | 0.29                   |
| 18               | 135.195               | 136.991                | 138.797               | 1.32%            | 0.29                   |
| 19               | 129.205               | 130.862                | 132.526               | 1.27%            | 0.28                   |
| 20               | 123.514               | 125.041                | 126.574               | 1.23%            | 0.27                   |
| 21               | 118.106               | 119.511                | 120.922               | 1.18%            | 0.26                   |
| 22               | 112.964               | 114.257                | 115.554               | 1.13%            | 0.25                   |
| 23               | 108.075               | 109.264                | 110.454               | 1.09%            | 0.24                   |
| 24               | 103.425               | 104.515                | 105.607               | 1.04%            | 0.24                   |
| 25               | 99.000                | 100.000                | 101.000               | 1.00%            | 0.23                   |
| 26               | 94.705                | 95.704                 | 96.704                | 1.04%            | 0.24                   |
| 27               | 90.621                | 91.617                 | 92.614                | 1.09%            | 0.25                   |
| 28               | 86.735                | 87.726                 | 88.719                | 1.13%            | 0.26                   |
| 29               | 83.036                | 84.021                 | 85.009                | 1.18%            | 0.27                   |
| 30               | 79.516                | 80.493                 | 81.475                | 1.22%            | 0.29                   |
| 31               | 76.164                | 77.133                 | 78.107                | 1.26%            | 0.30                   |
| 32               | 72.972                | 73.932                 | 74.897                | 1.31%            | 0.31                   |
| 33               | 69.931                | 70.881                 | 71.837                | 1.35%            | 0.32                   |
| 34               | 67.034                | 67.973                 | 68.918                | 1.39%            | 0.33                   |
| 35               | 64.272                | 65.199                 | 66.133                | 1.43%            | 0.35                   |
| 36               | 61.638                | 62.554                 | 63.476                | 1.47%            | 0.36                   |
| 37               | 59.127                | 60.030                 | 60.941                | 1.52%            | 0.37                   |
| 38               | 56.732                | 57.621                 | 58.519                | 1.56%            | 0.38                   |
| 39               | 54.446                | 55.322                 | 56.207                | 1.60%            | 0.40                   |
| 40               | 52.264                | 53.127                 | 53.999                | 1.64%            | 0.41                   |
| 41               | 50.181                | 51.030                 | 51.889                | 1.68%            | 0.42                   |
| 42               | 48.193                | 49.028                 | 49.873                | 1.72%            | 0.43                   |
| 43               | 46.294                | 47.115                 | 47.945                | 1.76%            | 0.45                   |
| 44               | 44.479                | 45.285                 | 46.102                | 1.80%            | 0.46                   |
| 45               | 42.745                | 43.537                 | 44.340                | 1.84%            | 0.47                   |
| 46               | 41.089                | 41.867                 | 42.656                | 1.88%            | 0.49                   |

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|------------------|-----------------------|------------------------|-----------------------|------------------|------------------------|
| 47               | 39.507                | 40.270                 | 41.045                | 1.92%            | 0.50                   |
| 48               | 37.993                | 38.743                 | 39.503                | 1.96%            | 0.51                   |
| 49               | 36.546                | 37.281                 | 38.027                | 2.00%            | 0.53                   |
| 50               | 35.161                | 35.882                 | 36.614                | 2.04%            | 0.54                   |
| 51               | 33.836                | 34.543                 | 35.261                | 2.08%            | 0.55                   |
| 52               | 32.567                | 33.260                 | 33.965                | 2.12%            | 0.57                   |
| 53               | 31.353                | 32.032                 | 32.723                | 2.16%            | 0.58                   |
| 54               | 30.190                | 30.856                 | 31.533                | 2.19%            | 0.59                   |
| 55               | 29.076                | 29.729                 | 30.392                | 2.23%            | 0.61                   |
| 56               | 28.010                | 28.649                 | 29.299                | 2.27%            | 0.62                   |
| 57               | 26.988                | 27.613                 | 28.251                | 2.31%            | 0.64                   |
| 58               | 26.008                | 26.620                 | 27.245                | 2.35%            | 0.65                   |
| 59               | 25.069                | 25.669                 | 26.280                | 2.38%            | 0.66                   |
| 60               | 24.168                | 24.755                 | 25.355                | 2.42%            | 0.68                   |
| 61               | 23.306                | 23.881                 | 24.468                | 2.46%            | 0.69                   |
| 62               | 22.479                | 23.042                 | 23.616                | 2.49%            | 0.71                   |
| 63               | 21.686                | 22.237                 | 22.799                | 2.53%            | 0.72                   |
| 64               | 20.925                | 21.464                 | 22.014                | 2.57%            | 0.74                   |
| 65               | 20.194                | 20.721                 | 21.261                | 2.60%            | 0.75                   |
| 66               | 19.491                | 20.007                 | 20.535                | 2.64%            | 0.76                   |
| 67               | 18.816                | 19.321                 | 19.838                | 2.67%            | 0.78                   |
| 68               | 18.167                | 18.661                 | 19.167                | 2.71%            | 0.79                   |
| 69               | 17.544                | 18.028                 | 18.523                | 2.75%            | 0.81                   |
| 70               | 16.946                | 17.419                 | 17.903                | 2.78%            | 0.82                   |
| 71               | 16.374                | 16.836                 | 17.310                | 2.82%            | 0.84                   |
| 72               | 15.824                | 16.276                 | 16.740                | 2.85%            | 0.85                   |
| 73               | 15.295                | 15.738                 | 16.192                | 2.88%            | 0.87                   |
| 74               | 14.786                | 15.220                 | 15.664                | 2.92%            | 0.88                   |
| 75               | 14.298                | 14.721                 | 15.156                | 2.95%            | 0.90                   |
| 76               | 13.826                | 14.240                 | 14.666                | 2.99%            | 0.92                   |

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|------------------|-----------------------|------------------------|-----------------------|------------------|------------------------|
| 77               | 13.372                | 13.777                 | 14.194                | 3.02%            | 0.93                   |
| 78               | 12.935                | 13.332                 | 13.739                | 3.06%            | 0.95                   |
| 79               | 12.515                | 12.903                 | 13.301                | 3.09%            | 0.96                   |
| 80               | 12.110                | 12.490                 | 12.880                | 3.12%            | 0.98                   |
| 81               | 11.722                | 12.093                 | 12.475                | 3.16%            | 0.99                   |
| 82               | 11.348                | 11.711                 | 12.084                | 3.19%            | 1.01                   |
| 83               | 10.988                | 11.343                 | 11.708                | 3.22%            | 1.03                   |
| 84               | 10.641                | 10.988                 | 11.346                | 3.26%            | 1.04                   |
| 85               | 10.306                | 10.646                 | 10.996                | 3.29%            | 1.06                   |
| 86               | 9.984                 | 10.316                 | 10.659                | 3.32%            | 1.07                   |
| 87               | 9.673                 | 9.999                  | 10.334                | 3.35%            | 1.09                   |
| 88               | 9.374                 | 9.692                  | 10.020                | 3.38%            | 1.11                   |
| 89               | 9.085                 | 9.396                  | 9.717                 | 3.42%            | 1.12                   |
| 90               | 8.806                 | 9.111                  | 9.425                 | 3.45%            | 1.14                   |
| 91               | 8.538                 | 8.836                  | 9.143                 | 3.48%            | 1.16                   |
| 92               | 8.279                 | 8.570                  | 8.871                 | 3.51%            | 1.17                   |
| 93               | 8.029                 | 8.314                  | 8.609                 | 3.54%            | 1.19                   |
| 94               | 7.787                 | 8.066                  | 8.355                 | 3.57%            | 1.21                   |
| 95               | 7.555                 | 7.828                  | 8.110                 | 3.61%            | 1.22                   |
| 96               | 7.330                 | 7.598                  | 7.874                 | 3.64%            | 1.24                   |
| 97               | 7.114                 | 7.376                  | 7.646                 | 3.67%            | 1.26                   |
| 98               | 6.906                 | 7.162                  | 7.427                 | 3.70%            | 1.27                   |
| 99               | 6.704                 | 6.955                  | 7.214                 | 3.73%            | 1.29                   |
| 100              | 6.509                 | 6.755                  | 7.008                 | 3.76%            | 1.31                   |
| 101              | 6.321                 | 6.561                  | 6.810                 | 3.79%            | 1.33                   |
| 102              | 6.139                 | 6.374                  | 6.618                 | 3.82%            | 1.34                   |
| 103              | 5.963                 | 6.194                  | 6.432                 | 3.85%            | 1.36                   |
| 104              | 5.793                 | 6.019                  | 6.252                 | 3.88%            | 1.38                   |
| 105              | 5.629                 | 5.850                  | 6.079                 | 3.91%            | 1.40                   |
| 106              | 5.470                 | 5.686                  | 5.910                 | 3.94%            | 1.41                   |

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|------------------|-----------------------|------------------------|-----------------------|------------------|------------------------|
| 107              | 5.317                 | 5.528                  | 5.747                 | 3.97%            | 1.43                   |
| 108              | 5.168                 | 5.375                  | 5.590                 | 4.00%            | 1.45                   |
| 109              | 5.025                 | 5.227                  | 5.438                 | 4.03%            | 1.47                   |
| 110              | 4.886                 | 5.084                  | 5.290                 | 4.05%            | 1.49                   |
| 111              | 4.751                 | 4.945                  | 5.147                 | 4.08%            | 1.50                   |
| 112              | 4.620                 | 4.811                  | 5.009                 | 4.11%            | 1.52                   |
| 113              | 4.494                 | 4.681                  | 4.875                 | 4.14%            | 1.54                   |
| 114              | 4.372                 | 4.555                  | 4.745                 | 4.17%            | 1.56                   |
| 115              | 4.254                 | 4.433                  | 4.619                 | 4.20%            | 1.58                   |
| 116              | 4.141                 | 4.316                  | 4.498                 | 4.22%            | 1.60                   |
| 117              | 4.030                 | 4.202                  | 4.381                 | 4.25%            | 1.62                   |
| 118              | 3.923                 | 4.092                  | 4.267                 | 4.28%            | 1.63                   |
| 119              | 3.820                 | 3.985                  | 4.157                 | 4.31%            | 1.65                   |
| 120              | 3.720                 | 3.881                  | 4.050                 | 4.34%            | 1.67                   |
| 121              | 3.622                 | 3.781                  | 3.946                 | 4.36%            | 1.69                   |
| 122              | 3.528                 | 3.684                  | 3.845                 | 4.39%            | 1.71                   |
| 123              | 3.437                 | 3.589                  | 3.748                 | 4.42%            | 1.73                   |
| 124              | 3.349                 | 3.498                  | 3.653                 | 4.44%            | 1.75                   |
| 125              | 3.263                 | 3.409                  | 3.562                 | 4.47%            | 1.77                   |