编码(Coding)：JK/JXE260420003

# 南京时恒电子科技有限公司

## Nanjing Shiheng Electronics Co.,Ltd.

# 产品承认书

## APPROVAL SHEET

| | |
|---|---|
| 客户名称 CUSTOMER： | |
| 产品名称 PART NAME： | MF58 玻壳式 NTC 热敏电阻器<br>MF58 Series Glass shell NTC Thermistor |
| 产品型号 PART NUMBER： | MF58 103F3470 |
| 版次 REV.NO: | C0 |
| 日期 DATE: | 2026-04-20 |

南京时恒电子科技有限公司
NANJING SHIHENG ELECTRONICS CO.,LTD.
地址：南京市江宁区湖熟镇金阳路 18 号
Address: No.18 Jinyang Road Hushu Town Jiangning District Nanjing China
邮编 Postcode：211121
TEL: 025-52121868
Http: //www.shiheng.com.cn E-MAIL: sales@shiheng.com.cn

# 变更登记表

## REVISED RECORD SHEET

| 版次<br>REV. NO | 变更日期<br>REV.DATE | 变更内容<br>CHANGE CONTENT | 申请人<br>APPLICANT | 批准人<br>APPROVED |
|---|---|---|---|---|
| A0 | 2015/10/11 | 版本制定。<br>Version formulation | 鞠晓丽 | 李少媛 |
| B0 | 2022/4/1 | 更新规格书版本格式，增加版次管控，细化规格纸。<br>Update for version form of data sheet, add to management and control for number of edition, refine to PN and draw. | 吴迎丽 | 李少媛 |
| C0 | 2025/12/01 | 去掉：产品图纸此一页的变更履历表<br>Remove: Change history table on this page of the product drawing | 刘星月 | 李少媛 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

## 1、产品型号说明 Product model specification

MF58 103 F 3470
① ② ③ ④

① MF58：玻壳式 NTC 热敏电阻器系列（Glass shell NTC Thermistor Series）

② 103：25°C的零功率电阻值 10kΩ（Zero Power Resistance at 25°C is 10kΩ）

③ F：阻值精度代码 F-±1% G-±2% H-±3% J-±5%（Resistance precision code F-±1% G-±2% H-±3% J-±5%）

④ 3470：$B_{25/50}$ 值 3470K（$B_{25/50}$:3470K）

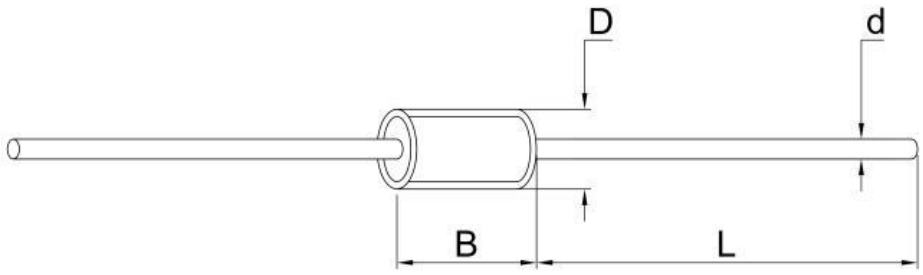
## 2、电气性能 Electrical characteristics

| No. | 项目 Item | 符号 Symbol | 测试条件 Test conditions | 单位 Unit | 性能要求 Requirements |
|---|---|---|---|---|---|
| 2.1 | 25°C的零功率电阻值 Zero Power Resistance at 25°C | $R_{25}$ | Ta=25±0.01°C (Test Power≤0.1mW) | kΩ | 10kΩ±1% |
| 2.2 | B 值 B-value | $B_{25/50}$ | $B=[(T_a\times T_b)/(T_b-T_a)]\times \ln(R_a/R_b)$ $T_a$=25±0.01°C $T_b$=50±0.01°C | K | 3470K±1% |
| 2.3 | 耗散系数 Thermal dissipation Coefficient | δ | 静止空气中 In still air | mW/°C | 约 1.8 |
| 2.4 | 时间常数 Thermal time constant | τ | 静止空气中 In still air | sec | 约 12 |
| 2.5 | 工作温度范围 Operating temperature range | / | / | °C | -55 ~ +250 |
| 2.6 | 最大额定功率 Maximum rated power | Pmax | / | mW | 10 |
| 2.7 | 阻温特性 R&T-table | / | / | / | 见附表 I See attached table I |
| 2.8 | 阻值误差&温度误差 Resistance tolerance& Temperature tolerance | / | / | / | 见附表 II See attached table II |

## 3、产品图纸 Product drawing

| 产品图纸 Product drawing | | 客户确认 Customer confirm | 客户名称 Customer: | | | |
|---|---|---|---|---|---|---|
| | | | 确认 Confirm | | 日期 DATE | |
| 产品型号 MODEL NO. | MF58 103F3470 | | 审核 Approve: | | 日期 DATE | |

尺寸 Dimensions: （Unit：mm）




| 型号 | D （mm） | d（mm） | B （mm） | L（mm） |
|---|---|---|---|---|
| MF58 | 1.8±0.2 | 0.5±0.05 | 3.7±0.3 | 28±1 |

**技术要求 Technical requirements:**

1) 零功率阻值：$R_{25}$：10kΩ±1% (Zero Power Resistance: $R_{25}$：10kΩ±1%)；
2) $B_{25/50}$ 数值：3470K±1% (B-value:$B_{25/50}$: 3470K±1%)；
3) 引线：φ0.5 镀锡铜包钢线（Φ0.5tinned copper-weld steel wire)
4) 符合 RoHS 环保要求 (Meet environmental protection requirements:RoHS)。

**材料规格 Material specifications**

| No. | 名称 Name | 材料规格 Material specifications | 数量 Quantity | 备注 note |
|---|---|---|---|---|
| 1 | 核心元件 Core element | 热敏电阻芯片 10kΩ | 1 | |
| 2 | 包封类 Coating material | 玻壳 | 1 | |
| 3 | 电极 Electrode | 镀锡电极 | 2 | |
| 4 | 引线 Lead | 铁镍合金 | 2 | |
| | | | | |

## 4、可靠性 Reliability

| No. | 项目 Test Item | 试验标准 Test Standard | 试验条件及方法 Test Conditions / Methods | 性能要求 Acceptance Criteria |
|---|---|---|---|---|
| 4.1 | 引出端强度 Tensile Strength of Terminals | IEC60068-2-21 | 固定电阻端，拉力：10N±1 N，时间：10±1 秒 Keep the unit fixed, apply 10 ± 1 N for 10 ± 1 seconds. | 无可见性损伤 No Visible damage\|Δ $R_{25}/R_{25}$\|≤2% |
| 4.2 | 可焊性 Solder ability | IEC60068-2-20 | 温度：245°C±5°C，时间：2-3 秒 Temperature: 245°C ± 5°C for 2 ~ 3 seconds. | 着锡面积≥95% Coverage area≥95% |
| 4.3 | 耐焊接热 Resistance to Soldering Heat | IEC60068-2-20 | 锡锅温度：260°C±5°C,浸入深度距电阻体 6mm，时间：5±1 秒 Temperature of solder bath: 260°C ± 5°C, insertion depth: 6 mm from resistor body, duration: 5 ± 1 seconds. | 无可见性损伤 No Visible damage $\|\Delta R_{25}/R_{25}\|$≤2% |
| 4.4 | 稳态湿热 Damp heat, Steady State | IEC60068-2-78 | 温度：40°C±2°C,湿度：93%RH±2%RH,时间：500h Temperature: 40°C ± 2°C, 93% RH ± 2% RH, 500 hrs. | 无可见性损伤 No Visible damage $\|\Delta R_{25}/R_{25}\|$≤2% |
| 4.5 | 温度快速变化 Rapid changes of temperature | IEC60068-2-14 | 以下条件重复 5 个周期 The conditions shown below shall be repeated 5 cycles. | 无可见性损伤 No Visible damage $\|\Delta R_{25}/R_{25}\|$≤2% |
| | | | 步骤 Step / 温度 Temperature (°C) / 周期 Period (minutes) | |
| | | | 1 / -55±5 / 30±3 | |
| | | | 2 / Room Temperature (室温) / 5±3 | |
| | | | 3 / 250±5 / 30±3 | |
| | | | 4 / Room Temperature (室温) / 5±3 | |
| 4.6 | 高温储存 High temperature storage | IEC60068-2-2 | 温度：250°C±2°C，时间：1000h Temperature: 250°C ± 2°C, Duration: 1000 hrs. | 无可见性损伤 No Visible damage $\|\Delta R_{25}/R_{25}\|$≤2% |
| 4.7 | 低温储存 Low temperature storage | IEC60068-2-1 | 温度：-55°C±2°C，时间：1000h Temperature: –55°C ± 2°C, Duration: 1000 hrs. | 无可见性损伤 No Visible damage $\|\Delta R_{25}/R_{25}\|$≤2% |

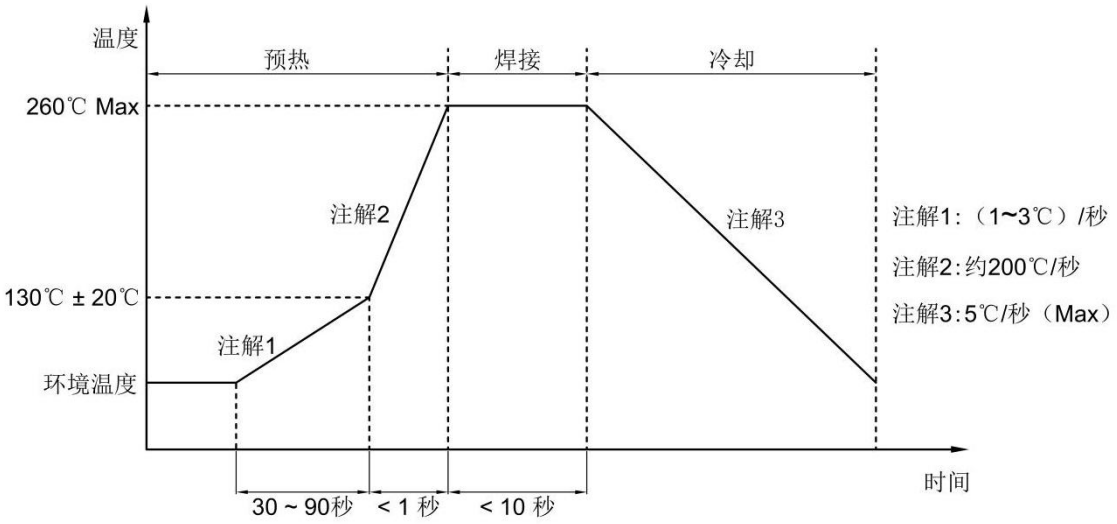
▲注： 1）稳态湿热及温度快速变化试验结束后，样品需在常温环境下静置 2 小时后再做性能测试；

▲Note：1）After the test of steady-state humid heat and rapid temperature change, the sample should be kept for 2 hours at room temperature before performance test；

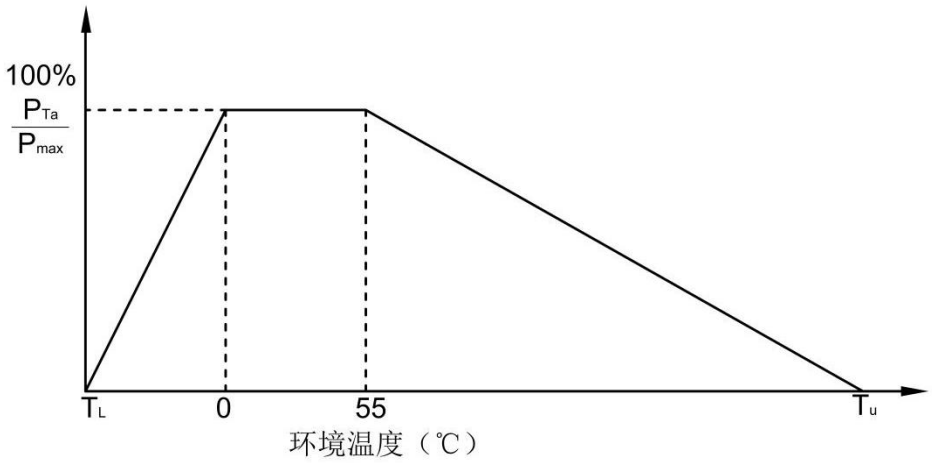
2）高温存储结束后，需随测试环境自然恢复至常温，再取出做性能测试。

2）After the test of high-temperature storage is complete, and then take it out for performance test when the test environment naturally regain to normal temperature.

## 5、推荐波峰焊曲线 Recommended wave soldering profile




## 6、降功耗曲线 Power derating curve




例如： 环境温度（$T_a$）=85°C

最高工作温度（$T_U$）=250°C

$P_{Ta}$=（$T_U$-$T_a$)/($T_U$-55)*$P_{max}$=84.6%$P_{max}$

环境温度（$T_a$）= -10°C

最低工作温度（$T_L$）= -55°C

$P_{Ta}$=（$T_L$-$T_a$)/($T_L$-0)*$P_{max}$=81.8%$P_{max}$

## 7、产品包装 Product packaging

### 7.1 包装方式 Packing Type

☑ 散装方式 Bulk Type ☐编编带方式 Reel Type

### 7.2 包装规格 Packing specification

| No. | 包装规格<br>Packing specification | 包装材料、尺寸<br>Packing material, size | 产品数量<br>Quantity |
|---|---|---|---|
| 1 | 包装袋 Packing bag | 自封口袋(self sealing bag)<br>W×H＝125mm×90mm | 500/包 |
| 2 | 编编带包装盒<br>Reel Packing box | 265mm*80mm*75mm | 5000/盒 |

## 8、存储&运输要求 Storage & Transportation requirements

8.1 存储环境要求；Storage environment requirements；
8.1.1 储存温度：-10℃～ +40℃；储存湿度：≤75% RH；
Storage temperature: -10℃～ +40℃; storage humidity: ≤75% RH；
8.1.2 避免存放在具有腐蚀性物质及气体的环境中、光照及辐射源的环境下；
Avoid storage in the environment of corrosive substances and gas, light and radiation source；
8.1.3 包装打开后需重新密封保存，贮存期 1 年，超过贮存期，可按本标准规定的项目重新检验，如符合要求仍可使用；
After the package is opened, it should be re-sealed and stored for one year. If the storage period exceeds, it can be retested according to the items specified in this sheet. If it meets the requirements, it can still be used；
8.2 运输要求；Transportation requirements；
8.2.1 存储或运输过程中，产品叠放高度不超过 4 箱产品；
During storage or transportation, the height of stacked products should not exceed the height of 4 boxes；
8.2.2 避免产品在运输过程中强烈碰撞和跌落；
Avoid strong collision and fall during transportation；
8.2.3 产品运输方式不限，但需要避免雨水、雪、冰雹、海水的直接或间接淋袭。
The transportation method is not limited, but the direct or indirect attack of rain, snow, hail and sea water should be avoided.

## 9、安装&使用注意事项 Installation & Use precautions

9.1 本产品的用途：温度测量与控制；
Usage of this product: Temperature measurement and control；
9.2 本产品适用于常规家用、工业产品上，如果用于特殊设备/装置如：航空航天、深海探测、医疗、军用、新能源电源、铁道交通、消防、交通信号等设备上，请联系我司人员对相应的要求进行确认；
This product is used for conventional household and industrial products. If used in special equipment/device such as: aerospace, deep sea exploration, medical, military, new energy power supply, railway traffic, fire control, traffic signals and other equipment, please contact our staff to confirm the corresponding requirements；
9.3 产品使用的最大工作温度，最大功率等，依照规格书要求作业，不可超出规格书范围；
The maximum working temperature, maximum power, etc. of the product shall be operated in accordance with the requirements of the specification, and shall not exceed the scope of the specification；
9.4 设计使用时，避免过大的电流引起元件自身发热而产生测量误差；
When designing and using, avoid measuring error caused by excessive current；
9.5 产品外观发现变形、破损时，不建议使用，可能会影响产品电气性能；
If the product is deformed or damaged, do not use it. Otherwise, the electrical performance may be affected；
9.6 烙铁焊接时，焊接处距玻壳距离至少 2mm，焊接温度应低于 360℃，焊接时间＜3ses；
When soldering by soldering iron, the distance between the welding place and the glass shell should be at least 2mm, the welding temperature should be lower than 360℃, and the welding time should be less than 3sec；
9.7 如在加工过程中需使用热缩管，热缩管热缩时不可使用电吹风进行吹制，建议热缩工艺，将套好热缩管后的产品放入恒温烘箱中，按 110℃/10～12min 进行热缩；
If the heat shrinkable tube is used in the manufacturing process, do not use a hair dryer to shrink the tube. This is a recommended heat shrinkable process that puts the product covered shrinkable tube into a constant temperature oven, and shrink them at 110℃/10 ~ 12min；
9.8 一般不建议做注塑加工，因为注塑工艺的高温和高压会直接影响产品性能，本产品如果采用注塑工艺加工，需与我司确认具体的注塑工艺参数；
Generally, injection molding is not recommended, because the high temperature and high pressure of

injection molding process will directly affect the product performance. If the product is processed by injection molding process, it is necessary to confirm the specific injection molding process parameters with our company;
9.9 产品核心芯片为陶瓷半导体，在使用过程中避免挤压或对玻壳物理撞击，以免造成产品损伤；
The core chip of the product is a ceramic semiconductor. Avoid extrusion or physical impact on the glass shell in the process of use, so as not to cause product damage;
9.10 若引线弯曲时，弯曲点应距玻壳端 2mm 以上，以免造成玻壳损伤；
In case of lead bending,the dot of bending should be above 2mm from glass shell to avoid of damaging for glass shell.

## 10、产品认证 Product certification

| No. | 项目<br>Projects | 产品认证<br>Product certification |
|---|---|---|
| 10.1 | 质量管理体系认证<br>Quality Management System Certification | ISO9001:2015 |
| | | IATF16949：2016 |
| 10.2 | 环境管理体系认证<br>Environmental Management System Certification | ISO14001:2015 |
| 10.3 | 知识产权管理体系认证<br>Intellectual Property Management System Certification | GB/T29490-2013 |
| 10.4 | 环保检测报告<br>Environmental test report | RoHS 2.0 |
| 10.5 | UL/cUL 认证（E240991）<br>UL/cUL certificate（E240991） | |
| 10.6 | CQC 认证（CQC09001033986）<br>CQC certificate（CQC09001033986） | |
| 10.7 | TUV 认证（R50245892）<br>TUV certificate（R50245892） | |
| | | |

## 附表 I Attachment I

# 南京时恒电子科技有限公司

$R_{25}$=10kΩ 精度:±1%　　$B_{25/50}$=3470K 精度:±1%（P232-26）

| 温度(°C) | 电阻(KΩ) | | | 电阻精度(%) | | 温度精度(°C) | |
|---|---|---|---|---|---|---|---|
| | 最小值 | 中心值 | 最大值 | △R | -△R | △T | -△T |
| -55 | 560.416 | 590.41 | 620.403 | 5.08 | -5.08 | 0.729 | -0.729 |
| -54 | 515.066 | 542.146 | 569.225 | 4.994 | -4.994 | 0.726 | -0.726 |
| -53 | 476.645 | 501.291 | 525.936 | 4.916 | -4.916 | 0.723 | -0.723 |
| -52 | 443.53 | 466.106 | 488.682 | 4.843 | -4.843 | 0.72 | -0.72 |
| -51 | 414.515 | 435.301 | 456.087 | 4.775 | -4.775 | 0.716 | -0.716 |
| -50 | 388.699 | 407.912 | 427.124 | 4.71 | -4.71 | 0.712 | -0.712 |
| -49 | 365.41 | 383.22 | 401.03 | 4.647 | -4.647 | 0.709 | -0.709 |
| -48 | 344.145 | 360.69 | 377.234 | 4.586 | -4.586 | 0.705 | -0.705 |
| -47 | 324.533 | 339.923 | 355.313 | 4.527 | -4.527 | 0.701 | -0.701 |
| -46 | 306.298 | 320.627 | 334.955 | 4.468 | -4.468 | 0.697 | -0.697 |
| -45 | 289.235 | 302.582 | 315.929 | 4.411 | -4.411 | 0.692 | -0.692 |
| -44 | 273.195 | 285.63 | 298.064 | 4.353 | -4.353 | 0.688 | -0.688 |
| -43 | 258.07 | 269.654 | 281.237 | 4.295 | -4.295 | 0.684 | -0.684 |
| -42 | 243.778 | 254.567 | 265.356 | 4.238 | -4.238 | 0.68 | -0.68 |
| -41 | 230.26 | 240.306 | 250.351 | 4.18 | -4.18 | 0.675 | -0.675 |
| -40 | 217.469 | 226.82 | 236.17 | 4.122 | -4.122 | 0.671 | -0.671 |
| -39 | 205.367 | 214.069 | 222.77 | 4.064 | -4.064 | 0.666 | -0.666 |
| -38 | 193.926 | 202.02 | 210.114 | 4.006 | -4.006 | 0.662 | -0.662 |
| -37 | 183.115 | 190.643 | 198.171 | 3.948 | -3.948 | 0.657 | -0.657 |
| -36 | 172.911 | 179.911 | 186.91 | 3.89 | -3.89 | 0.653 | -0.653 |
| -35 | 163.287 | 169.795 | 176.303 | 3.832 | -3.832 | 0.648 | -0.648 |
| -34 | 154.22 | 160.27 | 166.32 | 3.775 | -3.775 | 0.643 | -0.643 |
| -33 | 145.683 | 151.308 | 156.933 | 3.717 | -3.717 | 0.639 | -0.639 |
| -32 | 137.653 | 142.883 | 148.112 | 3.66 | -3.66 | 0.634 | -0.634 |
| -31 | 130.103 | 134.966 | 139.829 | 3.603 | -3.603 | 0.629 | -0.629 |
| -30 | 123.009 | 127.532 | 132.055 | 3.546 | -3.546 | 0.624 | -0.624 |
| -29 | 116.345 | 120.553 | 124.76 | 3.49 | -3.49 | 0.619 | -0.619 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| -28 | 110.087 | 114.002 | 117.917 | 3.434 | -3.434 | 0.614 | -0.614 |
| -27 | 104.21 | 107.855 | 111.499 | 3.378 | -3.378 | 0.609 | -0.609 |
| -26 | 98.692 | 102.085 | 105.478 | 3.323 | -3.323 | 0.604 | -0.604 |
| -25 | 93.509 | 96.67 | 99.83 | 3.269 | -3.269 | 0.599 | -0.599 |
| -24 | 88.64 | 91.585 | 94.529 | 3.215 | -3.215 | 0.594 | -0.594 |
| -23 | 84.065 | 86.81 | 89.554 | 3.161 | -3.161 | 0.589 | -0.589 |
| -22 | 79.764 | 82.323 | 84.882 | 3.108 | -3.108 | 0.583 | -0.583 |
| -21 | 75.718 | 78.105 | 80.492 | 3.055 | -3.055 | 0.578 | -0.578 |
| -20 | 71.911 | 74.138 | 76.365 | 3.003 | -3.003 | 0.572 | -0.572 |
| -19 | 68.326 | 70.405 | 72.483 | 2.951 | -2.951 | 0.567 | -0.567 |
| -18 | 64.949 | 66.889 | 68.83 | 2.9 | -2.9 | 0.561 | -0.561 |
| -17 | 61.765 | 63.577 | 65.389 | 2.849 | -2.849 | 0.555 | -0.555 |
| -16 | 58.762 | 60.455 | 62.147 | 2.799 | -2.799 | 0.55 | -0.55 |
| -15 | 55.927 | 57.509 | 59.09 | 2.749 | -2.749 | 0.544 | -0.544 |
| -14 | 53.25 | 54.728 | 56.205 | 2.7 | -2.7 | 0.538 | -0.538 |
| -13 | 50.72 | 52.101 | 53.482 | 2.65 | -2.65 | 0.532 | -0.532 |
| -12 | 48.327 | 49.618 | 50.909 | 2.601 | -2.601 | 0.526 | -0.526 |
| -11 | 46.064 | 47.271 | 48.478 | 2.553 | -2.553 | 0.52 | -0.52 |
| -10 | 43.921 | 45.05 | 46.178 | 2.505 | -2.505 | 0.514 | -0.514 |
| -9 | 41.891 | 42.947 | 44.002 | 2.457 | -2.457 | 0.507 | -0.507 |
| -8 | 39.968 | 40.955 | 41.942 | 2.41 | -2.41 | 0.501 | -0.501 |
| -7 | 38.145 | 39.068 | 39.991 | 2.362 | -2.362 | 0.495 | -0.495 |
| -6 | 36.416 | 37.279 | 38.142 | 2.315 | -2.315 | 0.488 | -0.488 |
| -5 | 34.775 | 35.582 | 36.39 | 2.269 | -2.269 | 0.482 | -0.482 |
| -4 | 33.217 | 33.973 | 34.728 | 2.223 | -2.223 | 0.475 | -0.475 |
| -3 | 31.739 | 32.445 | 33.151 | 2.177 | -2.177 | 0.469 | -0.469 |
| -2 | 30.334 | 30.995 | 31.656 | 2.131 | -2.131 | 0.462 | -0.462 |
| -1 | 29 | 29.618 | 30.235 | 2.085 | -2.085 | 0.455 | -0.455 |
| 0 | 27.732 | 28.31 | 28.887 | 2.04 | -2.04 | 0.449 | -0.449 |
| 1 | 26.526 | 27.066 | 27.607 | 1.995 | -1.995 | 0.442 | -0.442 |
| 2 | 25.38 | 25.885 | 26.39 | 1.951 | -1.951 | 0.435 | -0.435 |
| 3 | 24.29 | 24.762 | 25.234 | 1.906 | -1.906 | 0.428 | -0.428 |
| 4 | 23.253 | 23.694 | 24.135 | 1.862 | -1.862 | 0.421 | -0.421 |
| 5 | 22.266 | 22.678 | 23.091 | 1.818 | -1.818 | 0.414 | -0.414 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 6 | 21.327 | 21.712 | 22.098 | 1.775 | -1.775 | 0.407 | -0.407 |
| 7 | 20.433 | 20.793 | 21.153 | 1.732 | -1.732 | 0.4 | -0.4 |
| 8 | 19.582 | 19.918 | 20.254 | 1.689 | -1.689 | 0.392 | -0.392 |
| 9 | 18.771 | 19.085 | 19.399 | 1.646 | -1.646 | 0.385 | -0.385 |
| 10 | 18.018 | 18.312 | 18.605 | 1.604 | -1.604 | 0.377 | -0.377 |
| 11 | 17.263 | 17.537 | 17.811 | 1.561 | -1.561 | 0.37 | -0.37 |
| 12 | 16.562 | 16.818 | 17.073 | 1.519 | -1.519 | 0.363 | -0.363 |
| 13 | 15.894 | 16.132 | 16.371 | 1.478 | -1.478 | 0.355 | -0.355 |
| 14 | 15.257 | 15.479 | 15.702 | 1.436 | -1.436 | 0.348 | -0.348 |
| 15 | 14.649 | 14.856 | 15.064 | 1.395 | -1.395 | 0.34 | -0.34 |
| 16 | 14.069 | 14.263 | 14.456 | 1.355 | -1.355 | 0.333 | -0.333 |
| 17 | 13.516 | 13.696 | 13.877 | 1.314 | -1.314 | 0.325 | -0.325 |
| 18 | 12.989 | 13.156 | 13.324 | 1.274 | -1.274 | 0.317 | -0.317 |
| 19 | 12.485 | 12.641 | 12.797 | 1.234 | -1.234 | 0.309 | -0.309 |
| 20 | 12.004 | 12.149 | 12.294 | 1.194 | -1.194 | 0.301 | -0.301 |
| 21 | 11.544 | 11.679 | 11.814 | 1.155 | -1.155 | 0.293 | -0.293 |
| 22 | 11.105 | 11.23 | 11.355 | 1.116 | -1.116 | 0.285 | -0.285 |
| 23 | 10.685 | 10.801 | 10.918 | 1.077 | -1.077 | 0.277 | -0.277 |
| 24 | 10.283 | 10.391 | 10.499 | 1.038 | -1.038 | 0.269 | -0.269 |
| 25 | 9.9 | 10 | 10.1 | 1 | -1 | 0.261 | -0.261 |
| 26 | 9.525 | 9.625 | 9.725 | 1.038 | -1.038 | 0.272 | -0.272 |
| 27 | 9.166 | 9.266 | 9.366 | 1.076 | -1.076 | 0.284 | -0.284 |
| 28 | 8.824 | 8.923 | 9.022 | 1.113 | -1.113 | 0.296 | -0.296 |
| 29 | 8.496 | 8.595 | 8.694 | 1.151 | -1.151 | 0.308 | -0.308 |
| 30 | 8.182 | 8.28 | 8.378 | 1.188 | -1.188 | 0.32 | -0.32 |
| 31 | 7.881 | 7.979 | 8.076 | 1.225 | -1.225 | 0.332 | -0.332 |
| 32 | 7.593 | 7.69 | 7.787 | 1.262 | -1.262 | 0.344 | -0.344 |
| 33 | 7.317 | 7.413 | 7.509 | 1.299 | -1.299 | 0.356 | -0.356 |
| 34 | 7.052 | 7.147 | 7.243 | 1.335 | -1.335 | 0.368 | -0.368 |
| 35 | 6.798 | 6.893 | 6.987 | 1.372 | -1.372 | 0.381 | -0.381 |
| 36 | 6.554 | 6.648 | 6.742 | 1.408 | -1.408 | 0.393 | -0.393 |
| 37 | 6.321 | 6.413 | 6.506 | 1.444 | -1.444 | 0.405 | -0.405 |
| 38 | 6.096 | 6.188 | 6.28 | 1.479 | -1.479 | 0.418 | -0.418 |
| 39 | 5.881 | 5.972 | 6.062 | 1.515 | -1.515 | 0.43 | -0.43 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 40 | 5.674 | 5.764 | 5.853 | 1.55 | -1.55 | 0.443 | -0.443 |
| 41 | 5.475 | 5.564 | 5.652 | 1.586 | -1.586 | 0.456 | -0.456 |
| 42 | 5.284 | 5.371 | 5.459 | 1.621 | -1.621 | 0.468 | -0.468 |
| 43 | 5.101 | 5.187 | 5.272 | 1.656 | -1.656 | 0.481 | -0.481 |
| 44 | 4.924 | 5.009 | 5.094 | 1.691 | -1.691 | 0.494 | -0.494 |
| 45 | 4.754 | 4.838 | 4.921 | 1.726 | -1.726 | 0.507 | -0.507 |
| 46 | 4.591 | 4.673 | 4.755 | 1.76 | -1.76 | 0.52 | -0.52 |
| 47 | 4.434 | 4.515 | 4.596 | 1.795 | -1.795 | 0.533 | -0.533 |
| 48 | 4.282 | 4.362 | 4.442 | 1.829 | -1.829 | 0.546 | -0.546 |
| 49 | 4.136 | 4.215 | 4.294 | 1.863 | -1.863 | 0.559 | -0.559 |
| 50 | 3.996 | 4.074 | 4.151 | 1.898 | -1.898 | 0.572 | -0.572 |
| 51 | 3.861 | 3.937 | 4.013 | 1.932 | -1.932 | 0.585 | -0.585 |
| 52 | 3.731 | 3.806 | 3.881 | 1.966 | -1.966 | 0.599 | -0.599 |
| 53 | 3.606 | 3.679 | 3.753 | 1.999 | -1.999 | 0.612 | -0.612 |
| 54 | 3.485 | 3.557 | 3.629 | 2.033 | -2.033 | 0.626 | -0.626 |
| 55 | 3.368 | 3.439 | 3.51 | 2.067 | -2.067 | 0.639 | -0.639 |
| 56 | 3.256 | 3.326 | 3.396 | 2.1 | -2.1 | 0.653 | -0.653 |
| 57 | 3.148 | 3.216 | 3.285 | 2.134 | -2.134 | 0.666 | -0.666 |
| 58 | 3.044 | 3.111 | 3.178 | 2.167 | -2.167 | 0.68 | -0.68 |
| 59 | 2.943 | 3.009 | 3.075 | 2.2 | -2.2 | 0.694 | -0.694 |
| 60 | 2.846 | 2.911 | 2.976 | 2.233 | -2.233 | 0.708 | -0.708 |
| 61 | 2.753 | 2.816 | 2.88 | 2.267 | -2.267 | 0.721 | -0.721 |
| 62 | 2.662 | 2.725 | 2.788 | 2.3 | -2.3 | 0.735 | -0.735 |
| 63 | 2.575 | 2.637 | 2.698 | 2.332 | -2.332 | 0.749 | -0.749 |
| 64 | 2.492 | 2.552 | 2.612 | 2.365 | -2.365 | 0.764 | -0.764 |
| 65 | 2.411 | 2.47 | 2.529 | 2.398 | -2.398 | 0.778 | -0.778 |
| 66 | 2.333 | 2.391 | 2.449 | 2.43 | -2.43 | 0.792 | -0.792 |
| 67 | 2.257 | 2.314 | 2.371 | 2.463 | -2.463 | 0.806 | -0.806 |
| 68 | 2.185 | 2.241 | 2.296 | 2.495 | -2.495 | 0.821 | -0.821 |
| 69 | 2.115 | 2.169 | 2.224 | 2.528 | -2.528 | 0.835 | -0.835 |
| 70 | 2.047 | 2.101 | 2.154 | 2.56 | -2.56 | 0.849 | -0.849 |
| 71 | 1.982 | 2.034 | 2.087 | 2.592 | -2.592 | 0.864 | -0.864 |
| 72 | 1.919 | 1.97 | 2.022 | 2.624 | -2.624 | 0.879 | -0.879 |
| 73 | 1.858 | 1.909 | 1.959 | 2.656 | -2.656 | 0.893 | -0.893 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 74 | 1.799 | 1.849 | 1.899 | 2.687 | -2.687 | 0.908 | -0.908 |
| 75 | 1.743 | 1.791 | 1.84 | 2.719 | -2.719 | 0.923 | -0.923 |
| 76 | 1.688 | 1.736 | 1.784 | 2.751 | -2.751 | 0.938 | -0.938 |
| 77 | 1.635 | 1.682 | 1.729 | 2.782 | -2.782 | 0.953 | -0.953 |
| 78 | 1.585 | 1.63 | 1.676 | 2.813 | -2.813 | 0.968 | -0.968 |
| 79 | 1.535 | 1.58 | 1.625 | 2.844 | -2.844 | 0.983 | -0.983 |
| 80 | 1.488 | 1.532 | 1.576 | 2.875 | -2.875 | 0.998 | -0.998 |
| 81 | 1.442 | 1.486 | 1.529 | 2.906 | -2.906 | 1.014 | -1.014 |
| 82 | 1.398 | 1.44 | 1.483 | 2.937 | -2.937 | 1.029 | -1.029 |
| 83 | 1.356 | 1.397 | 1.439 | 2.968 | -2.968 | 1.045 | -1.045 |
| 84 | 1.314 | 1.355 | 1.396 | 2.998 | -2.998 | 1.06 | -1.06 |
| 85 | 1.275 | 1.315 | 1.354 | 3.029 | -3.029 | 1.076 | -1.076 |
| 86 | 1.236 | 1.275 | 1.314 | 3.059 | -3.059 | 1.091 | -1.091 |
| 87 | 1.199 | 1.238 | 1.276 | 3.089 | -3.089 | 1.107 | -1.107 |
| 88 | 1.163 | 1.201 | 1.238 | 3.119 | -3.119 | 1.123 | -1.123 |
| 89 | 1.129 | 1.166 | 1.202 | 3.149 | -3.149 | 1.139 | -1.139 |
| 90 | 1.096 | 1.132 | 1.168 | 3.178 | -3.178 | 1.155 | -1.155 |
| 91 | 1.063 | 1.099 | 1.134 | 3.208 | -3.208 | 1.171 | -1.171 |
| 92 | 1.032 | 1.067 | 1.101 | 3.237 | -3.237 | 1.187 | -1.187 |
| 93 | 1.002 | 1.036 | 1.07 | 3.267 | -3.267 | 1.203 | -1.203 |
| 94 | 0.973 | 1.006 | 1.039 | 3.296 | -3.296 | 1.219 | -1.219 |
| 95 | 0.945 | 0.978 | 1.01 | 3.325 | -3.325 | 1.236 | -1.236 |
| 96 | 0.918 | 0.95 | 0.982 | 3.354 | -3.354 | 1.252 | -1.252 |
| 97 | 0.892 | 0.923 | 0.954 | 3.382 | -3.382 | 1.269 | -1.269 |
| 98 | 0.866 | 0.897 | 0.928 | 3.411 | -3.411 | 1.285 | -1.285 |
| 99 | 0.842 | 0.872 | 0.902 | 3.439 | -3.439 | 1.302 | -1.302 |
| 100 | 0.818 | 0.848 | 0.877 | 3.468 | -3.468 | 1.319 | -1.319 |
| 101 | 0.795 | 0.824 | 0.853 | 3.496 | -3.496 | 1.336 | -1.336 |
| 102 | 0.773 | 0.801 | 0.83 | 3.524 | -3.524 | 1.353 | -1.353 |
| 103 | 0.752 | 0.779 | 0.807 | 3.551 | -3.551 | 1.369 | -1.369 |
| 104 | 0.731 | 0.758 | 0.785 | 3.579 | -3.579 | 1.387 | -1.387 |
| 105 | 0.711 | 0.737 | 0.764 | 3.607 | -3.607 | 1.404 | -1.404 |
| 106 | 0.691 | 0.717 | 0.744 | 3.634 | -3.634 | 1.421 | -1.421 |
| 107 | 0.673 | 0.698 | 0.724 | 3.661 | -3.661 | 1.438 | -1.438 |

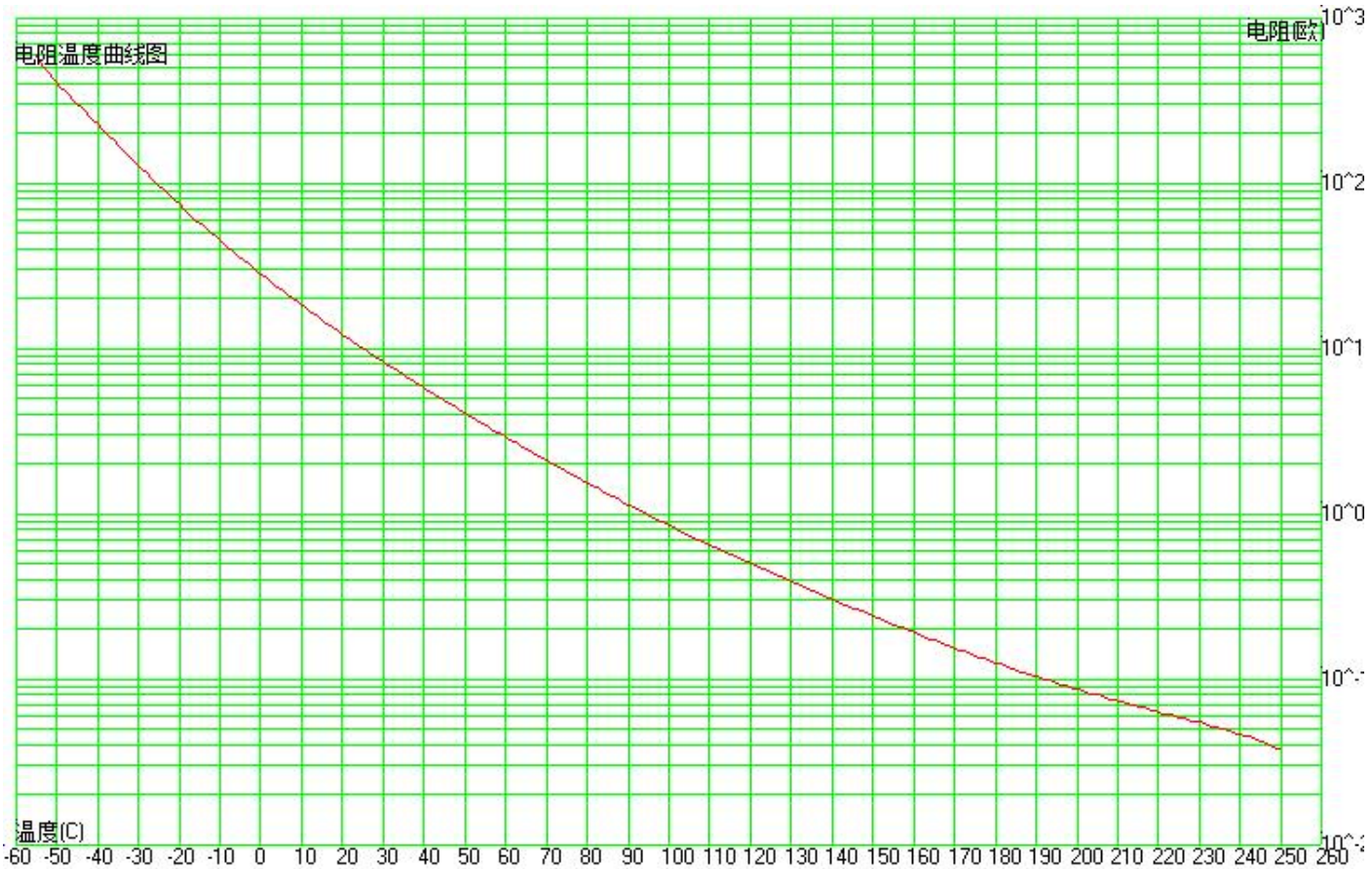
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 108 | 0.654 | 0.679 | 0.705 | 3.689 | -3.689 | 1.456 | -1.456 |
| 109 | 0.637 | 0.661 | 0.686 | 3.716 | -3.716 | 1.473 | -1.473 |
| 110 | 0.62 | 0.644 | 0.668 | 3.742 | -3.742 | 1.49 | -1.49 |
| 111 | 0.603 | 0.627 | 0.65 | 3.769 | -3.769 | 1.508 | -1.508 |
| 112 | 0.587 | 0.61 | 0.634 | 3.796 | -3.796 | 1.526 | -1.526 |
| 113 | 0.572 | 0.594 | 0.617 | 3.822 | -3.822 | 1.543 | -1.543 |
| 114 | 0.557 | 0.579 | 0.601 | 3.849 | -3.849 | 1.561 | -1.561 |
| 115 | 0.542 | 0.564 | 0.586 | 3.875 | -3.875 | 1.579 | -1.579 |
| 116 | 0.528 | 0.549 | 0.571 | 3.901 | -3.901 | 1.597 | -1.597 |
| 117 | 0.514 | 0.535 | 0.556 | 3.927 | -3.927 | 1.615 | -1.615 |
| 118 | 0.501 | 0.522 | 0.542 | 3.953 | -3.953 | 1.633 | -1.633 |
| 119 | 0.488 | 0.508 | 0.529 | 3.979 | -3.979 | 1.651 | -1.651 |
| 120 | 0.476 | 0.495 | 0.515 | 4.004 | -4.004 | 1.67 | -1.67 |
| 121 | 0.463 | 0.483 | 0.502 | 4.03 | -4.03 | 1.688 | -1.688 |
| 122 | 0.452 | 0.471 | 0.49 | 4.055 | -4.055 | 1.706 | -1.706 |
| 123 | 0.44 | 0.459 | 0.478 | 4.081 | -4.081 | 1.725 | -1.725 |
| 124 | 0.429 | 0.448 | 0.466 | 4.106 | -4.106 | 1.743 | -1.743 |
| 125 | 0.418 | 0.437 | 0.455 | 4.131 | -4.131 | 1.762 | -1.762 |
| 126 | 0.408 | 0.426 | 0.443 | 4.156 | -4.156 | 1.781 | -1.781 |
| 127 | 0.398 | 0.415 | 0.433 | 4.181 | -4.181 | 1.799 | -1.799 |
| 128 | 0.388 | 0.405 | 0.422 | 4.206 | -4.206 | 1.818 | -1.818 |
| 129 | 0.378 | 0.395 | 0.412 | 4.23 | -4.23 | 1.837 | -1.837 |
| 130 | 0.369 | 0.386 | 0.402 | 4.255 | -4.255 | 1.856 | -1.856 |
| 131 | 0.36 | 0.376 | 0.392 | 4.28 | -4.28 | 1.875 | -1.875 |
| 132 | 0.351 | 0.367 | 0.383 | 4.304 | -4.304 | 1.894 | -1.894 |
| 133 | 0.343 | 0.358 | 0.374 | 4.328 | -4.328 | 1.913 | -1.913 |
| 134 | 0.334 | 0.35 | 0.365 | 4.353 | -4.353 | 1.933 | -1.933 |
| 135 | 0.326 | 0.341 | 0.356 | 4.377 | -4.377 | 1.952 | -1.952 |
| 136 | 0.318 | 0.333 | 0.348 | 4.401 | -4.401 | 1.971 | -1.971 |
| 137 | 0.311 | 0.325 | 0.34 | 4.425 | -4.425 | 1.991 | -1.991 |
| 138 | 0.303 | 0.317 | 0.332 | 4.449 | -4.449 | 2.01 | -2.01 |
| 139 | 0.296 | 0.31 | 0.324 | 4.473 | -4.473 | 2.03 | -2.03 |
| 140 | 0.289 | 0.303 | 0.316 | 4.497 | -4.497 | 2.05 | -2.05 |
| 141 | 0.282 | 0.296 | 0.309 | 4.521 | -4.521 | 2.069 | -2.069 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 142 | 0.276 | 0.289 | 0.302 | 4.544 | -4.544 | 2.089 | -2.089 |
| 143 | 0.269 | 0.282 | 0.295 | 4.568 | -4.568 | 2.109 | -2.109 |
| 144 | 0.263 | 0.275 | 0.288 | 4.591 | -4.591 | 2.129 | -2.129 |
| 145 | 0.257 | 0.269 | 0.281 | 4.615 | -4.615 | 2.149 | -2.149 |
| 146 | 0.251 | 0.263 | 0.275 | 4.638 | -4.638 | 2.169 | -2.169 |
| 147 | 0.245 | 0.257 | 0.269 | 4.661 | -4.661 | 2.189 | -2.189 |
| 148 | 0.239 | 0.251 | 0.263 | 4.685 | -4.685 | 2.209 | -2.209 |
| 149 | 0.234 | 0.245 | 0.257 | 4.708 | -4.708 | 2.23 | -2.23 |
| 150 | 0.228 | 0.24 | 0.251 | 4.731 | -4.731 | 2.25 | -2.25 |
| 151 | 0.223 | 0.234 | 0.245 | 4.754 | -4.754 | 2.27 | -2.27 |
| 152 | 0.218 | 0.229 | 0.24 | 4.777 | -4.777 | 2.291 | -2.291 |
| 153 | 0.213 | 0.224 | 0.234 | 4.799 | -4.799 | 2.311 | -2.311 |
| 154 | 0.208 | 0.219 | 0.229 | 4.822 | -4.822 | 2.332 | -2.332 |
| 155 | 0.203 | 0.214 | 0.224 | 4.845 | -4.845 | 2.353 | -2.353 |
| 156 | 0.199 | 0.209 | 0.219 | 4.867 | -4.867 | 2.374 | -2.374 |
| 157 | 0.194 | 0.204 | 0.214 | 4.89 | -4.89 | 2.394 | -2.394 |
| 158 | 0.19 | 0.2 | 0.21 | 4.912 | -4.912 | 2.415 | -2.415 |
| 159 | 0.186 | 0.195 | 0.205 | 4.935 | -4.935 | 2.436 | -2.436 |
| 160 | 0.181 | 0.191 | 0.2 | 4.957 | -4.957 | 2.457 | -2.457 |
| 161 | 0.177 | 0.187 | 0.196 | 4.979 | -4.979 | 2.479 | -2.479 |
| 162 | 0.174 | 0.183 | 0.192 | 5.001 | -5.001 | 2.5 | -2.5 |
| 163 | 0.17 | 0.179 | 0.188 | 5.023 | -5.023 | 2.521 | -2.521 |
| 164 | 0.166 | 0.175 | 0.184 | 5.045 | -5.045 | 2.543 | -2.543 |
| 165 | 0.162 | 0.171 | 0.18 | 5.067 | -5.067 | 2.564 | -2.564 |
| 166 | 0.159 | 0.167 | 0.176 | 5.088 | -5.088 | 2.585 | -2.585 |
| 167 | 0.155 | 0.164 | 0.172 | 5.11 | -5.11 | 2.607 | -2.607 |
| 168 | 0.152 | 0.16 | 0.169 | 5.132 | -5.132 | 2.629 | -2.629 |
| 169 | 0.149 | 0.157 | 0.165 | 5.153 | -5.153 | 2.65 | -2.65 |
| 170 | 0.146 | 0.154 | 0.162 | 5.174 | -5.174 | 2.672 | -2.672 |
| 171 | 0.143 | 0.15 | 0.158 | 5.195 | -5.195 | 2.694 | -2.694 |
| 172 | 0.14 | 0.147 | 0.155 | 5.216 | -5.216 | 2.716 | -2.716 |
| 173 | 0.137 | 0.144 | 0.152 | 5.237 | -5.237 | 2.738 | -2.738 |
| 174 | 0.134 | 0.141 | 0.149 | 5.258 | -5.258 | 2.76 | -2.76 |
| 175 | 0.131 | 0.138 | 0.146 | 5.279 | -5.279 | 2.783 | -2.783 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 176 | 0.128 | 0.136 | 0.143 | 5.299 | -5.299 | 2.805 | -2.805 |
| 177 | 0.126 | 0.133 | 0.14 | 5.319 | -5.319 | 2.827 | -2.827 |
| 178 | 0.123 | 0.13 | 0.137 | 5.34 | -5.34 | 2.85 | -2.85 |
| 179 | 0.121 | 0.128 | 0.134 | 5.36 | -5.36 | 2.872 | -2.872 |
| 180 | 0.118 | 0.125 | 0.132 | 5.38 | -5.38 | 2.895 | -2.895 |
| 181 | 0.116 | 0.123 | 0.129 | 5.4 | -5.4 | 2.917 | -2.917 |
| 182 | 0.114 | 0.12 | 0.127 | 5.419 | -5.419 | 2.94 | -2.94 |
| 183 | 0.111 | 0.118 | 0.124 | 5.439 | -5.439 | 2.963 | -2.963 |
| 184 | 0.109 | 0.116 | 0.122 | 5.458 | -5.458 | 2.986 | -2.986 |
| 185 | 0.107 | 0.113 | 0.12 | 5.477 | -5.477 | 3.009 | -3.009 |
| 186 | 0.105 | 0.111 | 0.117 | 5.496 | -5.496 | 3.032 | -3.032 |
| 187 | 0.103 | 0.109 | 0.115 | 5.515 | -5.515 | 3.055 | -3.055 |
| 188 | 0.101 | 0.107 | 0.113 | 5.534 | -5.534 | 3.078 | -3.078 |
| 189 | 0.099 | 0.105 | 0.111 | 5.553 | -5.553 | 3.102 | -3.102 |
| 190 | 0.097 | 0.103 | 0.109 | 5.571 | -5.571 | 3.125 | -3.125 |
| 191 | 0.096 | 0.101 | 0.107 | 5.59 | -5.59 | 3.149 | -3.149 |
| 192 | 0.094 | 0.099 | 0.105 | 5.608 | -5.608 | 3.172 | -3.172 |
| 193 | 0.092 | 0.098 | 0.103 | 5.626 | -5.626 | 3.196 | -3.196 |
| 194 | 0.091 | 0.096 | 0.101 | 5.643 | -5.643 | 3.22 | -3.22 |
| 195 | 0.089 | 0.094 | 0.1 | 5.661 | -5.661 | 3.243 | -3.243 |
| 196 | 0.087 | 0.093 | 0.098 | 5.679 | -5.679 | 3.267 | -3.267 |
| 197 | 0.086 | 0.091 | 0.096 | 5.696 | -5.696 | 3.291 | -3.291 |
| 198 | 0.084 | 0.089 | 0.095 | 5.713 | -5.713 | 3.315 | -3.315 |
| 199 | 0.083 | 0.088 | 0.093 | 5.73 | -5.73 | 3.339 | -3.339 |
| 200 | 0.081 | 0.087 | 0.092 | 5.747 | -5.747 | 3.364 | -3.364 |
| 201 | 0.08 | 0.085 | 0.09 | 5.764 | -5.764 | 3.388 | -3.388 |
| 202 | 0.079 | 0.084 | 0.089 | 5.78 | -5.78 | 3.412 | -3.412 |
| 203 | 0.077 | 0.082 | 0.087 | 5.796 | -5.796 | 3.437 | -3.437 |
| 204 | 0.076 | 0.081 | 0.086 | 5.813 | -5.813 | 3.462 | -3.462 |
| 205 | 0.075 | 0.08 | 0.084 | 5.829 | -5.829 | 3.486 | -3.486 |
| 206 | 0.074 | 0.078 | 0.083 | 5.845 | -5.845 | 3.511 | -3.511 |
| 207 | 0.073 | 0.077 | 0.082 | 5.86 | -5.86 | 3.536 | -3.536 |
| 208 | 0.071 | 0.076 | 0.08 | 5.876 | -5.876 | 3.561 | -3.561 |
| 209 | 0.07 | 0.075 | 0.079 | 5.892 | -5.892 | 3.586 | -3.586 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 210 | 0.069 | 0.074 | 0.078 | 5.907 | -5.907 | 3.611 | -3.611 |
| 211 | 0.068 | 0.073 | 0.077 | 5.922 | -5.922 | 3.636 | -3.636 |
| 212 | 0.067 | 0.071 | 0.076 | 5.938 | -5.938 | 3.661 | -3.661 |
| 213 | 0.066 | 0.07 | 0.075 | 5.953 | -5.953 | 3.686 | -3.686 |
| 214 | 0.065 | 0.069 | 0.073 | 5.968 | -5.968 | 3.712 | -3.712 |
| 215 | 0.064 | 0.068 | 0.072 | 5.983 | -5.983 | 3.737 | -3.737 |
| 216 | 0.063 | 0.067 | 0.071 | 5.998 | -5.998 | 3.763 | -3.763 |
| 217 | 0.062 | 0.066 | 0.07 | 6.012 | -6.012 | 3.788 | -3.788 |
| 218 | 0.061 | 0.065 | 0.069 | 6.027 | -6.027 | 3.814 | -3.814 |
| 219 | 0.06 | 0.064 | 0.068 | 6.042 | -6.042 | 3.839 | -3.839 |
| 220 | 0.059 | 0.063 | 0.067 | 6.057 | -6.057 | 3.865 | -3.865 |
| 221 | 0.059 | 0.062 | 0.066 | 6.071 | -6.071 | 3.891 | -3.891 |
| 222 | 0.058 | 0.062 | 0.065 | 6.086 | -6.086 | 3.917 | -3.917 |
| 223 | 0.057 | 0.061 | 0.064 | 6.101 | -6.101 | 3.943 | -3.943 |
| 224 | 0.056 | 0.06 | 0.063 | 6.115 | -6.115 | 3.969 | -3.969 |
| 225 | 0.055 | 0.059 | 0.062 | 6.13 | -6.13 | 3.995 | -3.995 |
| 226 | 0.054 | 0.058 | 0.062 | 6.145 | -6.145 | 4.021 | -4.021 |
| 227 | 0.054 | 0.057 | 0.061 | 6.16 | -6.16 | 4.048 | -4.048 |
| 228 | 0.053 | 0.056 | 0.06 | 6.175 | -6.175 | 4.074 | -4.074 |
| 229 | 0.052 | 0.055 | 0.059 | 6.19 | -6.19 | 4.1 | -4.1 |
| 230 | 0.051 | 0.055 | 0.058 | 6.205 | -6.205 | 4.127 | -4.127 |
| 231 | 0.05 | 0.054 | 0.057 | 6.221 | -6.221 | 4.153 | -4.153 |
| 232 | 0.05 | 0.053 | 0.056 | 6.236 | -6.236 | 4.179 | -4.179 |
| 233 | 0.049 | 0.052 | 0.055 | 6.252 | -6.252 | 4.206 | -4.206 |
| 234 | 0.048 | 0.051 | 0.054 | 6.268 | -6.268 | 4.232 | -4.232 |
| 235 | 0.047 | 0.05 | 0.054 | 6.284 | -6.284 | 4.259 | -4.259 |
| 236 | 0.046 | 0.05 | 0.053 | 6.301 | -6.301 | 4.286 | -4.286 |
| 237 | 0.046 | 0.049 | 0.052 | 6.318 | -6.318 | 4.312 | -4.312 |
| 238 | 0.045 | 0.048 | 0.051 | 6.335 | -6.335 | 4.339 | -4.339 |
| 239 | 0.044 | 0.047 | 0.05 | 6.352 | -6.352 | 4.366 | -4.366 |
| 240 | 0.043 | 0.046 | 0.049 | 6.37 | -6.37 | 4.392 | -4.392 |
| 241 | 0.042 | 0.045 | 0.048 | 6.388 | -6.388 | 4.419 | -4.419 |
| 242 | 0.042 | 0.045 | 0.047 | 6.407 | -6.407 | 4.446 | -4.446 |
| 243 | 0.041 | 0.044 | 0.046 | 6.426 | -6.426 | 4.472 | -4.472 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 244 | 0.04 | 0.043 | 0.046 | 6.446 | -6.446 | 4.499 | -4.499 |
| 245 | 0.039 | 0.042 | 0.045 | 6.466 | -6.466 | 4.526 | -4.526 |
| 246 | 0.038 | 0.041 | 0.044 | 6.487 | -6.487 | 4.552 | -4.552 |
| 247 | 0.038 | 0.04 | 0.043 | 6.508 | -6.508 | 4.579 | -4.579 |
| 248 | 0.037 | 0.039 | 0.042 | 6.53 | -6.53 | 4.606 | -4.606 |
| 249 | 0.036 | 0.038 | 0.041 | 6.553 | -6.553 | 4.632 | -4.632 |
| 250 | 0.035 | 0.038 | 0.04 | 6.577 | -6.577 | 4.659 | -4.659 |



## 附表 II Attachment II

