

# Certificate of Compliance

**Certificate Number:**

[E538536]

**Report Reference:**

E538536-20231224

**Issue Date:**

2023-DECEMBER-24

Issued to:

**Semiware Electronics (Shanghai) Co Ltd**

Building 1, No. 9222, Chuannan Fenggong Road

Fengxian District, Shanghai, 201112

CN

This certificate confirms that representative samples of:

**Thermistor-type Devices – Component**

**See Addendum Page**

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC

**[See Addendum Page]**

Additional Information:

See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Recognized Component Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



David Piecuch  
UL Mark Certification Program Owner



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.

# Certificate of Compliance

**Certificate Number:** E538536  
**Report Reference:** E538536-20231224  
**Issue Date:** 2023-DECEMBER-24

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Standard for Thermistor-Type Devices, UL 1434.

Component Acceptance Program for Positive Temperature Coefficient (PTC) Thermistors Used as Overcurrent Protectors in Electrical and Electronic Equipment, CSA Technical Information Letter No. CA-3A.

CSA Component Acceptance Service Class No. 9073-31 - Negative Temperature Coefficient Type Thermistors for Use as Current Surge Limiters on Electronic Equipment

CSA LTR No. I-003 - List of Technical Requirements for Positive Temperature Coefficient (PTC) Thermistors Used as Overcurrent Protectors in Electrical and Electronic Equipment.

PTC current limiter

SK60-110 ,SK60-135 ,SK60-160 ,SK60-185 ,SK60-250 ,SK60-300 ,SK60-375 ,SK06-075 ,SK06-090 ,SK06-110 ,SK06-120 ,SK06-135 ,SK06-155 ,SK06-160 ,SK06-185 ,SK06-250 ,SK250-180 ,SK250-200 ,SK250-400 ,SK250-600 ,SK250-800 ,SK-P070 ,SK-P100 ,SK-P120 ,SK-D170 ,SK-D175 ,SK-P175 ,SK-P180 ,SK-P190 ,SK-D200 ,SK-P200 ,SK-D210 ,SK-P210 ,SK-P300 ,SK-P350 ,SK-P380 ,SK-P420 ,SK-P450 ,SK-P550 ,SK-P600 ,SK-P730 ,SK-P900 ,SK-P1410 ,SK30-075 ,SK30-090 ,SK30-110 ,SK30-135 ,SK30-160 ,SK30-185 ,SK30-200 ,SK30-250 ,SK30-300 ,SK30-400 ,SK30-500 ,SK30-600 ,SK30-700 ,SK30-800 ,SK30-900 ,SK60-010 ,SK60-017 ,SK60-020 ,SK60-025 ,SK60-030 ,SK60-040 ,SK60-050 ,SK60-065 ,SK60-075 ,SK60-090 ,SK60/72-500 ,SK-H1 ,SK-H3 ,SK-M140 ,SK-M175 ,SK-M190 ,SK-M210 ,SK-M260 ,SK-M270 ,SK-M300 ,SK-M350 ,SK-M370 ,SK-M400 ,SK-M430 ,SK-M450 ,SK-M500 ,SK-M550 ,SMD1206-110 ,SMD1812-010 ,SMD1812-010/60 ,SMD1812-014/33 ,SMD1812-014 ,SMD1812-020 ,SMD1812-030 ,SMD1812-050 ,SMD1812-075 ,SMD1812-075/24 ,SMD1812-110 ,SMD1812-110/8 ,SMD1812-110/30 ,SMD1812-125 ,SMD1812-150 ,SMD1812-150/16 ,SMD1812-160 ,SMD1812-200 ,SMD1812-260 ,SMD1812-300 ,SMD1206-005 ,SMD1206-010 ,SMD1206-016 ,SMD1206-020 ,SMD1206-025 ,SMD1206-035 ,SMD1206-035/16 ,SMD1206-050 ,SMD1206-050/13.2 ,SMD1206-075/13.2 ,SMD1206-075 ,SMD1206-100 ,SMD1206/110 ,SMD1206-150 ,SMD1206-200 ,SMD2920-030 ,SMD2920-050 ,SMD2920-075 ,SMD2920-100 ,SMD2920-125 ,SMD2920-150 ,SMD2920-185 ,SMD2920-200/24 ,SMD2920-200 ,SMD2920-200L ,SMD2920-250 ,SMD2920-260 ,SMD2920-300 ,SMD2920-300/6 ,SMD0805-005/24 ,SMD080-010 ,SMD0805-010/24 ,SMD0805-020 ,SMD0805-035 ,SMD0805-050 ,SMD0805-075 ,SMD0805-100 ,SMD0805-110.

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.



# Certificate of Compliance

**Certificate Number:** E538536  
**Report Reference:** E538536-20231224  
**Issue Date:** 2023-DECEMBER-24

SMD080-075L ,SMD0805-075L/12 ,SMD0805-110L ,SMD0805-110L/12 ,SMD0805-125 ,SMD0805-125/12 ,SMD0805-150 ,SMD0805-150/12 ,SMD0805-175 ,SMD0805-175/12 ,SMD0805-200 ,SMD0805-200/12 ,SMD0805-260 ,SMD0805-260/12 ,SMD0805-300 ,SMD0805-300/12 ,SMD0805-350 ,SMD0805-350/12 ,SMD0805-380 ,SMD0805-380/12 ,SMD0805-400 ,SMD0805-400/12 ,SMD1206-010-33 ,SMD1206-012 ,SMD1206-050/24 ,SMD1206-075/16 ,SMD1206-100/16 ,SMD1206-150L ,SMD1206-150/12 ,SMD1206-175 ,SMD1206-175/12 ,SMD1206-200L ,SMD1206-200/12 ,SMD1206-260 ,SMD1206-260/12 ,SMD1206-300 ,SMD1206-300/12 ,SMD1206-350 ,SMD1206-350/12 ,SMD1206-380 ,SMD1206-380/12 ,SMD1206-400 ,SMD1206-400/12 ,SMD1206-450 ,SMD1206-450/12 ,SMD1206-500 ,SMD1206-500/12 ,SMD1206-550 ,SMD1206-550/12 ,SMD1206-600 ,SMD1206-600/12 ,SMD1206-650 ,SMD1206-650/12 ,SMD1206-700 ,SMD1206-700/12 ,SMD1206-750 ,SMD1206-750/12 ,SMD1206-010/33 ,SMD0603-002 ,SMD0603-005 ,SMD0603-010 ,SMD0603-020(X) ,SMD0603-025 ,SMD0603-035 ,SMD0603-050 ,SMD0603-050L ,SMD0603-075 ,SMD0603-100 ,SMD0603-150 ,SMD0603-200 ,SMD1210-010(X) ,SMD1210-050(X) ,SMD1210-075(X) ,SMD1210-200/6 ,SMD1210-400(X) ,SMD1210-450(X) ,SMD1210-500(X) ,SMD1210-550(X) ,SMD1210-600(X) ,SMD1210-700(X) ,SMD1812-050(X) ,SMD1812-075/33 ,SMD1812-110(X) ,SMD1812-150(X) ,SMD1812-200(X) ,SMD1812-260(X) ,SMD1812-300(X) ,SMD1812-400(X) ,SMD1812-450(X) ,SMD1812-500(X) ,SMD1812-700(X) ,SMD1812-750(X) ,SMD1812-900(X) ,SK130-010/X ,SK130-015/X ,SK130-020/X ,SK130-025/X ,SK130-030/X ,SK130-040/X ,SK130-050/X ,SK130-065/X ,SK130-075/X ,SK130-090/X ,SK130-110/X ,SK130-135/X ,SK130-160/X ,SK130-185/X ,SK130-200/X ,SK130-250/X ,SK130-300/X ,SK250-040 ,SK130/250-060 ,SK130/250-080 ,SK250-090 ,SK130/250-120 ,SK130/250-145 ,SK130/250-180 ,SK130/250-200 ,SK130/250-300 ,SK130/250-400 ,SK130/250-600 ,SK130/250-800 ,SK130/250-1000 ,SK130/250-1200 ,SK130/250-1500 ,SK130/250-2000.



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.