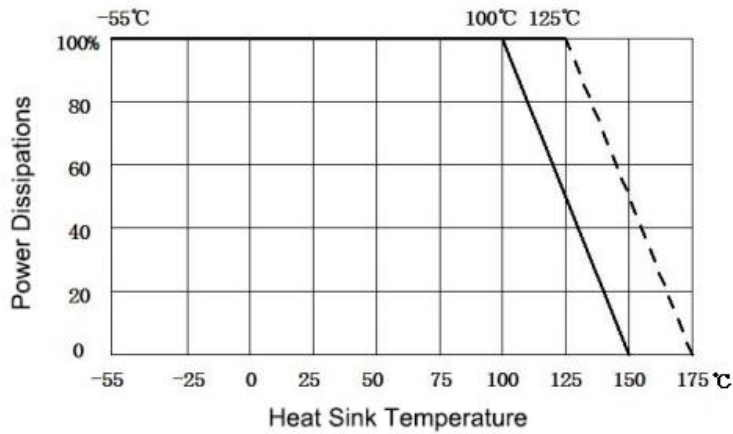


Surface Mount Resistors

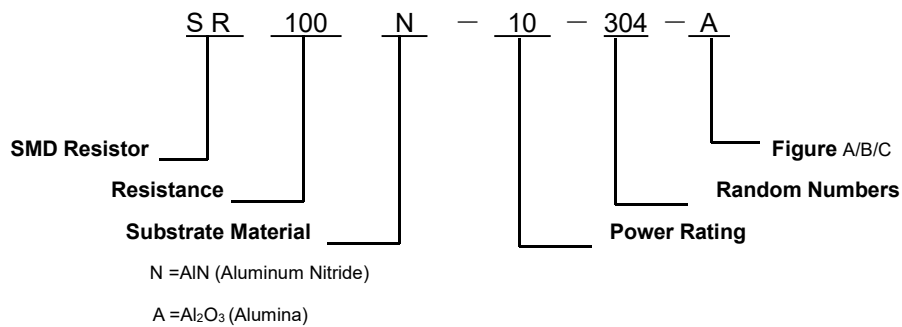
Electrical Features

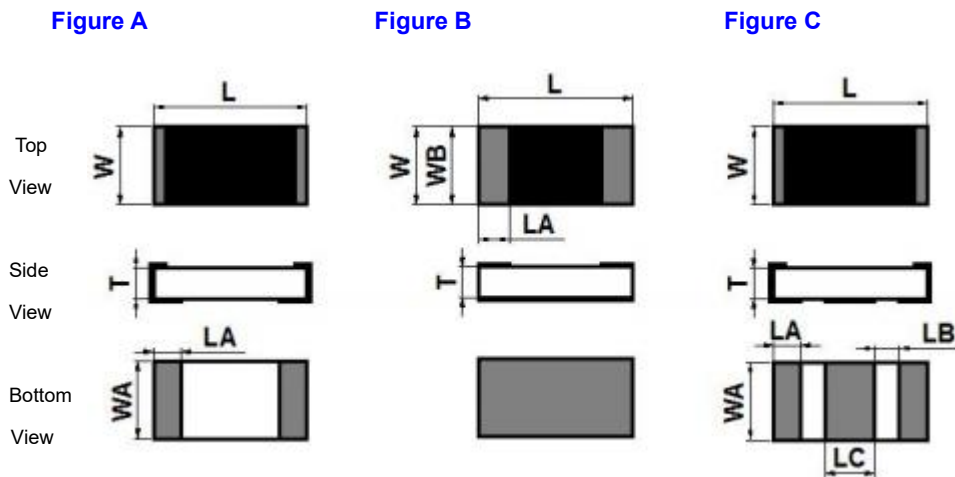
- ✧ **Resistance:** 100Ω standard (5Ω~3000Ω available)
- ✧ **Resistive Tolerance:** ±5% standard; ±3%, ±2%, ±1% available
- ✧ **Substrate Material:** Aluminum Nitride (AlN), Aluminum Oxide (Al₂O₃)
- ✧ **Power Rating:** 0.2W-800W
- ✧ **Operating Temperature:** -55°C to +150°C, -55°C to +175°C
- ✧ **Temperature Coefficient:** ±150ppm/°C
- ✧ **RoHS Compliant**

Power Derating



HOW TO ORDER





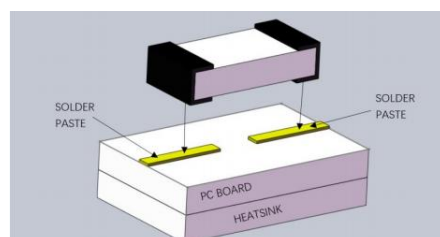
General Specifications and Dimensions

Part Number	Power Rating (W)	Dimensions (mm)								Outline Drawing
		W	L	T	LA	LB	LC	WA	WB	
SRXXN-1-802A	1	0.5	1.0	0.25	0.3	/	/	0.5	/	Figure A
SRXXN-2-002A	2	0.8	1.6	0.38	0.4	/	/	0.8	/	Figure A
SRXXN-2-201A	2	1.27	2.54	0.6	0.8	/	/	0.8	/	Figure A
SRXXN-5-302A	5	2.5	5.0	1.0	1.25	/	/	2.0	/	Figure A
SRXXN-10-339A	10	2.5	5.0	1.0	0.75	/	/	2.5	/	Figure A
SR10A-0.2-101B	0.2	1.5	3.0	0.6	1.0	/	/	/	/	Figure B
SRXXN-400-705B	400	12.7	12.7	2.0	1.2	/	/	/	2.7	Figure B
SRXXN-800-401B	800	25.4	26.4	1.5	1.7	/	/	/	3.0	Figure B
SRXXN-10-303C	10	2.5	5.0	1.0	1.0	0.6	1.8	2.5	/	Figure C
SRXXN-25-340C	25	2.5	5.0	1.0	0.5	0.5	3.0	2.5	/	Figure C

* Customized products are available, please consult with Kete.

Installation Instruction

When welding devices or leads, it is best to use a temperature-controlled soldering iron and keep the temperature at 260°C.



Surface Mount Resistors

Part Number: SRXXN-1-802A

Electrical Specifications

- ◇ **Resistance:** 100 Ω standard (5 Ω ~3000 Ω available)
- ◇ **Resistive Tolerance:** $\pm 5\%$ standard
- ◇ **Power Rating:** 1W
- ◇ **Operating Temperature:** -55 $^{\circ}\text{C}$ to +150 $^{\circ}\text{C}$
- ◇ **Temperature Coefficient:** $\pm 150\text{ppm}/^{\circ}\text{C}$
- ◇ **Substrate Material:** AlN
- ◇ **RoHS Compliant**

Outline Drawing (mm)

Part Number: SRXXN-2-002A

Electrical Specifications

- ◇ **Resistance:** 100 Ω standard (5 Ω ~3000 Ω available)
- ◇ **Resistive Tolerance:** $\pm 5\%$ standard
- ◇ **Power Rating:** 2W
- ◇ **Operating Temperature:** -55 $^{\circ}\text{C}$ to +150 $^{\circ}\text{C}$
- ◇ **Temperature Coefficient:** $\pm 150\text{ppm}/^{\circ}\text{C}$
- ◇ **Substrate Material:** AlN
- ◇ **RoHS Compliant**

Outline Drawing (mm)

Part Number: SRXXN-2-201A

Electrical Specifications

- ◇ **Resistance:** 100 Ω standard (5 Ω ~3000 Ω available)
- ◇ **Resistive Tolerance:** $\pm 5\%$ standard
- ◇ **Power Rating:** 2W
- ◇ **Operating Temperature:** -55 $^{\circ}\text{C}$ to +150 $^{\circ}\text{C}$
- ◇ **Temperature Coefficient:** $\pm 150\text{ppm}/^{\circ}\text{C}$
- ◇ **Substrate Material:** AlN
- ◇ **RoHS Compliant**

Outline Drawing (mm)

Surface Mount Resistors

Part Number: SRXXN-5-302A

Electrical Specifications

- ◇ **Resistance:** 100 Ω standard (5 Ω ~3000 Ω available)
- ◇ **Resistive Tolerance:** \pm 5% standard
- ◇ **Power Rating:** 5W
- ◇ **Operating Temperature:** -55 $^{\circ}$ C to +150 $^{\circ}$ C
- ◇ **Temperature Coefficient:** \pm 150ppm/ $^{\circ}$ C
- ◇ **Substrate Material:** AlN
- ◇ **RoHS Compliant**

Outline Drawing (mm)

Part Number: SR10A-0.2-101B

Electrical Specifications

- ◇ **Resistance:** 10 Ω
- ◇ **Resistive Tolerance:** \pm 5% standard
- ◇ **Power Rating:** 0.2W
- ◇ **Operating Temperature:** -55 $^{\circ}$ C to +150 $^{\circ}$ C
- ◇ **Temperature Coefficient:** \pm 150ppm/ $^{\circ}$ C
- ◇ **Substrate Material:** Al₂O₃
- ◇ **RoHS Compliant**

Outline Drawing (mm)

Part Number: SRXXN-400-705B

Electrical Specifications

- ◇ **Resistance:** 100 Ω standard (5 Ω ~3000 Ω available)
- ◇ **Resistive Tolerance:** \pm 5% standard
- ◇ **Power Rating:** 400W
- ◇ **Operating Temperature:** -55 $^{\circ}$ C to +150 $^{\circ}$ C
- ◇ **Temperature Coefficient:** \pm 150ppm/ $^{\circ}$ C
- ◇ **Substrate Material:** AlN
- ◇ **RoHS Compliant**

Outline Drawing (mm)

Surface Mount Resistors

Part Number: SRXXN-800-401B

Electrical Specifications

- ◇ **Resistance:** 100 Ω standard (5 Ω ~3000 Ω available)
- ◇ **Resistive Tolerance:** \pm 5% standard
- ◇ **Power Rating:** 800W
- ◇ **Operating Temperature:** -55 $^{\circ}$ C to +150 $^{\circ}$ C
- ◇ **Temperature Coefficient:** \pm 150ppm/ $^{\circ}$ C
- ◇ **Substrate Material:** AlN
- ◇ **RoHS Compliant**

Outline Drawing (mm)

Part Number: SRXXN-10-303C

Electrical Specifications

- ◇ **Resistance:** 100 Ω standard (5 Ω ~3000 Ω available)
- ◇ **Resistive Tolerance:** \pm 5% standard
- ◇ **Power Rating:** 10W
- ◇ **Operating Temperature:** -55 $^{\circ}$ C to +150 $^{\circ}$ C
- ◇ **Temperature Coefficient:** \pm 150ppm/ $^{\circ}$ C
- ◇ **Substrate Material:** AlN
- ◇ **RoHS Compliant**

Outline Drawing (mm)

Part Number: SRXXN-25-340C

Electrical Specifications

- ◇ **Resistance:** 100 Ω standard (5 Ω ~3000 Ω available)
- ◇ **Resistive Tolerance:** \pm 5% standard
- ◇ **Power Rating:** 25W
- ◇ **Operating Temperature:** -55 $^{\circ}$ C to +150 $^{\circ}$ C
- ◇ **Temperature Coefficient:** \pm 150ppm/ $^{\circ}$ C
- ◇ **Substrate Material:** AlN
- ◇ **RoHS Compliant**

Outline Drawing (mm)