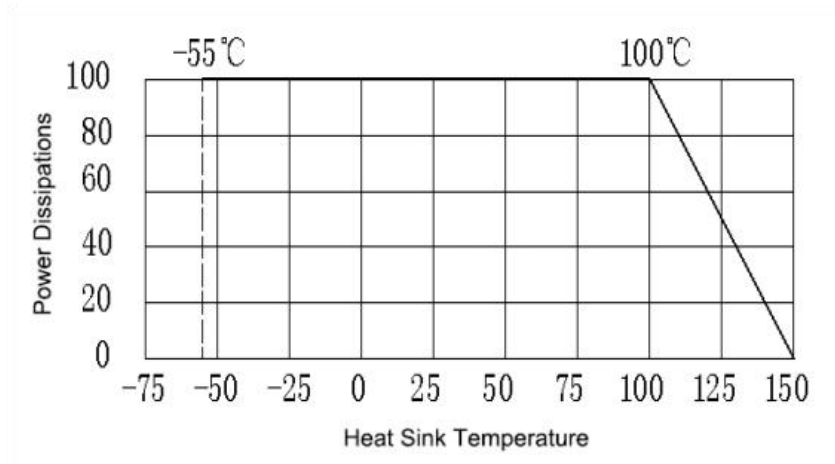


Surface Mount Resistors

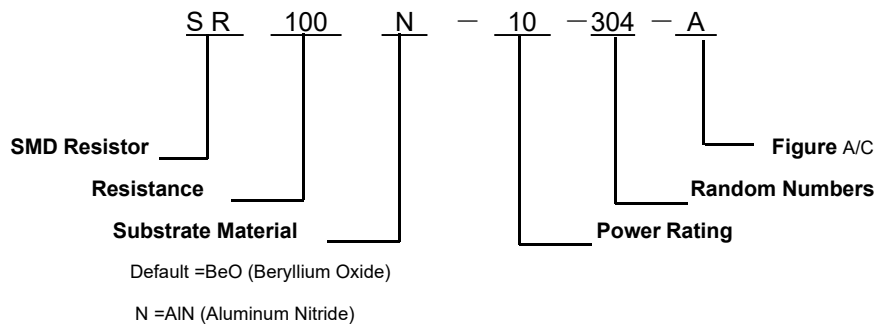
Electrical Features

- ✧ **Resistance:** 100Ω standard (10Ω~1000Ω available)
- ✧ **Resistive Tolerance:** ±5% standard; ±3%, ±2%, ±1% available
- ✧ **Substrate Material:** Beryllium Oxide (BeO)
- ✧ **Power Rating:** 0.2W-10W
- ✧ **Operating Temperature:** -55°C to +150°C
- ✧ **Temperature Coefficient:** ±150ppm/°C
- ✧ **Installation Method:** Tin soldering

Power Derating



HOW TO ORDER



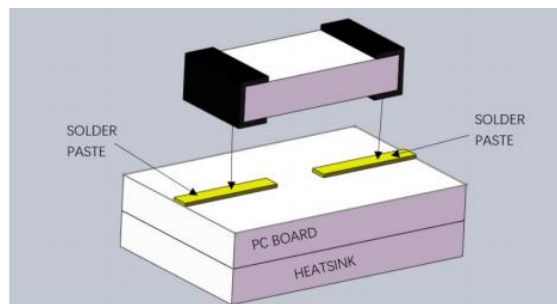
General Specifications and Dimensions

Part Number	Resistance (Ω)	Substrate	Power Rating (W)	Capacitance (pF)	Dimensions (mm)		
					L	W	T
SRXXN-0.2-201A	10-1000	AlN	0.2	0.3	0.6	0.3	0.25
SRXX-1-301A	10-1000	BeO	1	0.3	1.0	0.5	0.38
SRXX-2-201A	10-1000	BeO	2	0.3	2.0	1.25	0.38
SRXX-5-302A	10-1000	BeO	5	1	5.0	2.5	1.0
SRXX-10-303C	10-1000	BeO	10	1.2	5.0	2.5	1.0

* 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.



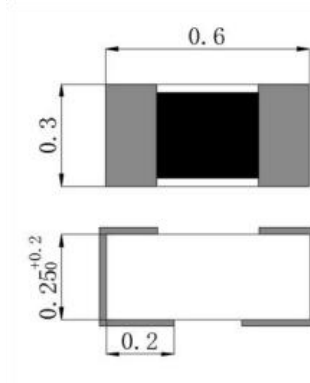
Surface Mount Resistors

Part Number: SRXXN-0.2-201A

Electrical Specifications

- ✧ **Resistance:** 100 Ω standard (10Ω~1000Ω available)
- ✧ **Resistive Tolerance:** ±5% standard
- ✧ **Substrate Material:** AlN
- ✧ **Power Rating:** 0.2W
- ✧ **Capacitance:** 0.3pF
- ✧ **Operating Temperature:** -55°C to +150°C
- ✧ **Temperature Coefficient:** ±150ppm/°C
- ✧ **RoHS Compliant**

Outline Drawing (mm)

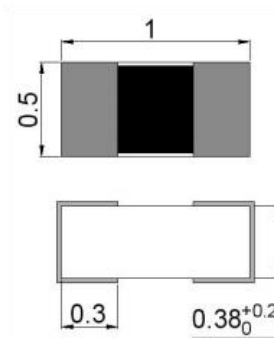


Part Number: SRXX-1-301A

Electrical Specifications

- ✧ **Resistance:** 100 Ω standard (10Ω~1000Ω available)
- ✧ **Resistive Tolerance:** ±5% standard
- ✧ **Substrate Material:** BeO
- ✧ **Power Rating:** 1W
- ✧ **Capacitance:** 0.3pF
- ✧ **Operating Temperature:** -55°C to +150°C
- ✧ **Temperature Coefficient:** ±150ppm/°C

Outline Drawing (mm)

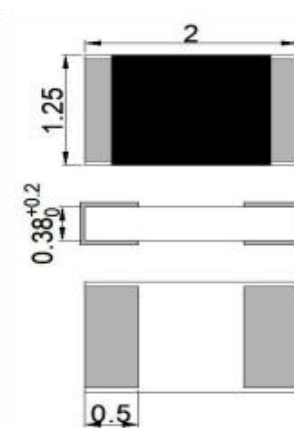


Part Number: SRXX-2-302A

Electrical Specifications

- ✧ **Resistance:** 100 Ω standard (10Ω~1000Ω available)
- ✧ **Resistive Tolerance:** ±5% standard
- ✧ **Substrate Material:** BeO
- ✧ **Power Rating:** 2W
- ✧ **Capacitance:** 0.3pF
- ✧ **Operating Temperature:** -55°C to +150°C
- ✧ **Temperature Coefficient:** ±150ppm/°C

Outline Drawing (mm)



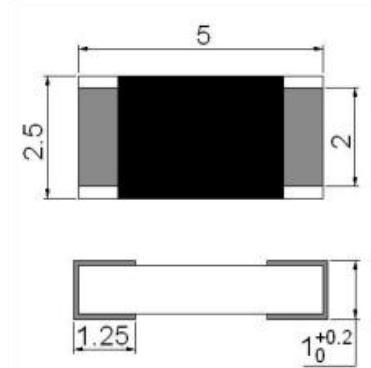
Surface Mount Resistors

Part Number: SRXX-5-302A

Electrical Specifications

- ◇ **Resistance:** 100 Ω standard (10Ω~1000Ω available)
- ◇ **Resistive Tolerance:** ±5% standard
- ◇ **Substrate Material:** BeO
- ◇ **Power Rating:** 5W
- ◇ **Capacitance:** 1.0pF
- ◇ **Operating Temperature:** -55°C to +150°C
- ◇ **Temperature Coefficient:** ±150ppm/°C

Outline Drawing (mm)



Part Number: SRXX-10-303C

Electrical Specifications

- ◇ **Resistance:** 100 Ω standard (10Ω~1000Ω available)
- ◇ **Resistive Tolerance:** ±5% standard
- ◇ **Substrate Material:** BeO
- ◇ **Power Rating:** 10W
- ◇ **Capacitance:** 1.2pF
- ◇ **Operating Temperature:** -55°C to +150°C
- ◇ **Temperature Coefficient:** ±150ppm/°C

Outline Drawing (mm)

