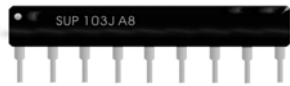


# STANDARD RESISTORS NETWORK - NR Series



## Feature

- Standard resistance tolerance of  $\pm 2\%$ ,  $\pm 5\%$  available.
- Highly stable thick film allows increase wattage ratings.
- Insertion equipment.
- Custom configuration, hybrids available.
- Circuit Type 4 -16 pin

## Part Numbering

■    S    A    8    102    J  
(1)   (2)   (3)   (4)   (5)   (6)

### (1) Marking

| Code | Type        |
|------|-------------|
| ■    | Pin 1 Point |

### (2) Brand Code

| Code | Type           |
|------|----------------|
| SIN  | SUP Brand Name |

### (3) Product

| Code | Type         |
|------|--------------|
| A    | Circuit Type |

### (4) Resistor No.

| Code | Type     |
|------|----------|
| 8    | Resistor |

### (5) Resistance

| Code | Type          |
|------|---------------|
| 100  | 10 $\Omega$   |
| 201  | 200 $\Omega$  |
| 302  | 3K $\Omega$   |
| 473  | 47K $\Omega$  |
| 514  | 510K $\Omega$ |
| 625  | 6.2M $\Omega$ |

### (6) Tolerance

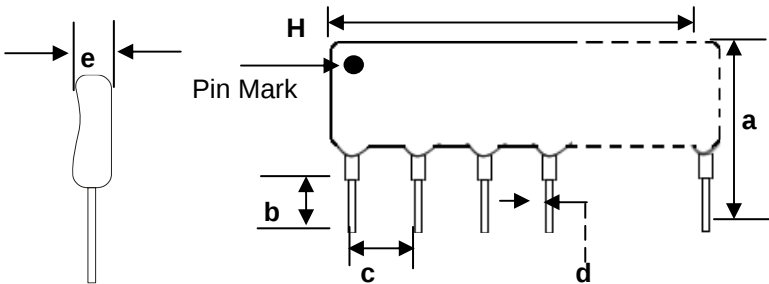
| Code | Type       |
|------|------------|
| F    | $\pm 1\%$  |
| G    | $\pm 2\%$  |
| J    | $\pm 5\%$  |
| K    | $\pm 10\%$ |

## Circuit Type

| A Type | B Type | C Type | S Type           |
|--------|--------|--------|------------------|
|        |        |        | Customer Made    |
| D Type | E Type | F Type | Resistor Network |
|        |        |        |                  |

## Appearance Dimension

| No. | Type(mm)        |
|-----|-----------------|
| a   | 5 $\pm 0.2$     |
| b   | 3.56 $\pm 0.51$ |
| c   | 2.54max         |
| d   | 0.5 $\pm 0.1$   |
| e   | 2.54            |
| H   | (2.54+(N-1)4)   |



STANDARD RESISTORS NETWORK - NR Series



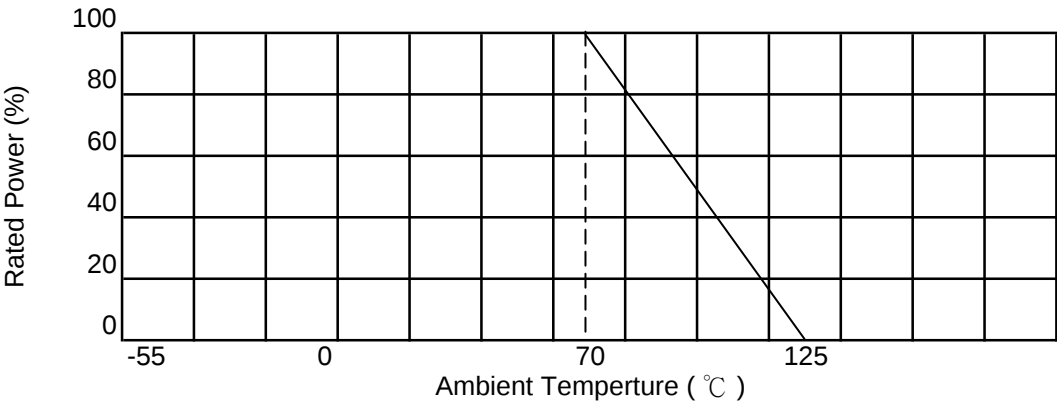
General Specifications

| Type        | Rated Power | Max Working | Max Overload | Rating Ambient | Resisance | Tolerance |
|-------------|-------------|-------------|--------------|----------------|-----------|-----------|
| NR(4-16Pin) | 1/8W        | 150V        | 250 Voltage  | 70°C Temp.     | 22-1MΩ    | ±2%,±5%   |

Charcteristics

|                                    |                              |                          |
|------------------------------------|------------------------------|--------------------------|
| OPERATING TEMP. RANGE              | -55°C ~ +155°C               |                          |
| LOAD LIFE                          | (Rated Voltage 1000hrs)      | ±2%                      |
| SOLDERING HEAT                     | 350±10(°C) 3~3.5 sec         | ±0.25%                   |
| MOISTURE RESISTANCE                | 40±2(°C) 90~95 RH 100hr      | ±2%                      |
| SHORT TIME OVERLOAD                | 2.5 Times Rated Voltage      | ±(0.5% +0.05Ω)           |
| TERMINAL STRENGTH                  | 1Kg30 sec                    | ±0.25%                   |
| TEMPERATURE CYCLING                | -55°C±3°C~+125°C±2°C 5 times | ±(0.5% +0.05Ω)           |
| INSULATION RESISTANCE              | AC500 1 min                  | 10 <sup>3</sup> MΩ Above |
| LOW TEMPERATURE STORAGE            | -65°C±0°C-3°C + 4 hrs - 0    | ±0.25%                   |
| RESISTANCE TEMPERATURE COEFFICIENT | ( Δ tem ) = 100 °C           | ±200ppm/°C max           |

Derating Power



Packaging ( Bulk Packing)

