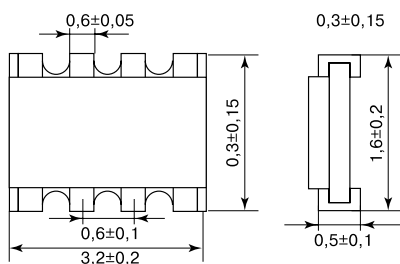


Chip Resistor Array

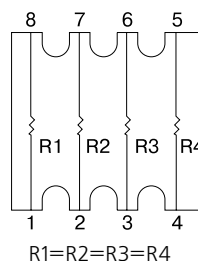
Features

- High density, more than 1 Resistors in one small case
- Improvement of placement efficiency
- Tape / Reel packaging is suitable for automatic placement machine
- Superior solderability

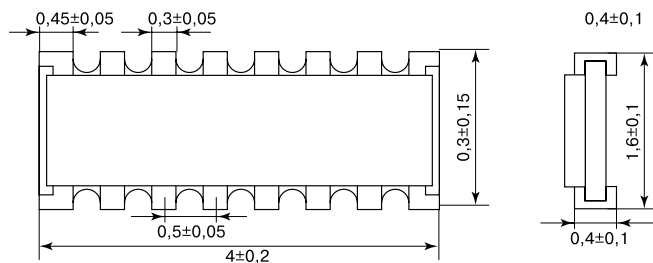
RP164P (8Pin 4R) Dimension (mm)



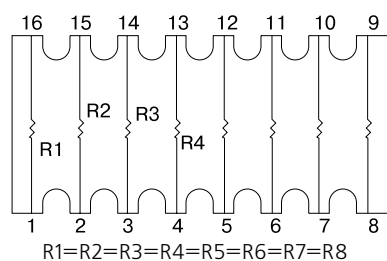
Equivalent Circuit Diagram



RP168P (16Pin 8R) Dimension (mm)



Equivalent Circuit Diagram



Type	RP164P (40603 elements in 8 terminals)	RP168P (8 resistors in 16 terminals)
Rated power at 70 °C	1/16 W	1/16 W
Max. working voltage	50 V	50 V
Max. Overload voltage	100 V	100 V
Dielectric with standing voltage	500 V	100 V
Resistance Range	1% (E-96 series); 100 Ω ~ 560 KΩ 5% (E-24 series); 10 Ω ~ 1 MΩ	5% (E-24 series); 10 Ω ~ 1 MΩ
Temperature coefficient	5% 10Ω~1MΩ ≤ ±400PPM /°C 1% 100 Ω~560 KΩ ≤ ±200PPM/°C	±200PPM /°C
Operating temperature range	-55°C ~ +125°C	-55°C ~ +125°C
Jumper rated current	1 A	-

Performance Specifications

Short time overload	±(2.0% +0.1 Ω) Max.
Insulation resistance	≥ 1,000 Mega Ohm.
Dielectric withstanding voltage	No evidence of flashover, mechanical damage, arcing or insulation breakdown
Terminal bending	±(1.0% +0.05 Ω) Max.
Soldering heat	Resistance change rate is ±(1.0% +0.05 Ω) Max
Solderability	Min. 95% coverage
Temperature cycling	ΔR/R ≤ ±(1.0% +0.05 Ω)
Load life in humidity	±(3.0% +0.1 Ω) Max.
Load life	±(3.0% +0.1 Ω) Max.