

Feature

- 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
- Application: Master board, CD & DVD Rom, Hard Disk, RAM



	2D02	4D02	4D03	16P8
Dimension (mm)				
Equivalent Circuit Diagram				

Type	2D02	4D02	4D03	16P8
Rated power at 70°C	1/16W	1/16W	1/16W	1/16W
Max. Working Voltage	25V	25V	50V	50V
Max. Overload Voltage	50V	50V	100V	100V
Dielectric Withstanding Voltage	100V	100V	300V	300V
Resistance Range	5% (E-24): 10Ω~1MΩ 1% (E-96): 10Ω~1MΩ	5% (E-24): 10Ω~1MΩ 1% (E-96): 10Ω~1MΩ	5% (E-24): 1Ω~1MΩ 1% (E-96): 1Ω~1MΩ	5% (E-24): 1Ω~1MΩ 1% (E-96): 1Ω~1MΩ
Temperature Coefficient	±200PPM/°C	±200PPM/°C	≥10Ω: ±200PPM/°C <10Ω: ±400PPM/°C	≥10Ω: ±200PPM/°C <10Ω: ±400PPM/°C
Operating Temperature	-55°C~+155 °C	-55°C~+155 °C	-55°C~+155 °C	-55°C~+155 °C
Resistance Value of Jumper	<50mΩ	<50mΩ	<50mΩ	<50mΩ
Rated Current of Jumper	1A	1A	1A	1A

Performance Specification

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

• Please refer to page 4 for the information of Ordering Procedure (Part No.)