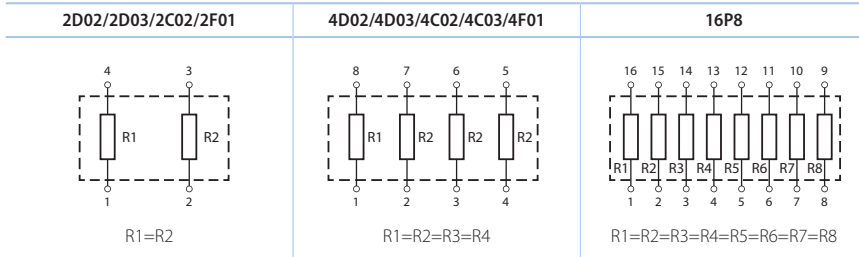


### Feature (特性)

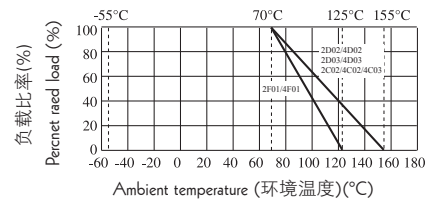
- High density, more than 1 resistors in one small case 高度密集, 多个电阻在一个表贴封装中
- Improvement of placement efficiency 装配效率高
- Tape/Reel packaging is suitable for automatic placement machine 编带卷装适合自动化机器
- Superior solderability 优越焊锡性
- Application: Master board, CD & DVD Rom, Hard Disk, RAM  
应用于 CD、DVD、硬盘、内存、主板等



### Equivalent Circuit Diagram (等效电路图)



### Derating Curve (降功率曲线)



### Dimensions in mm (外观尺寸)

Convex Terminal type 凸式电极		Concave Terminal 凹式电极		Flat Terminal 平式电极		
2D02/2D03	4D02/4D03	16P8	2C02	4C02/4C03	2F01	4F01

Type 类型	Dimensions 尺寸 (mm)							
	L	W	T	A1	A2	B	P	G
2D02 0402*2	1.0±0.10	1.0±0.10	0.35±0.10	0.33±0.10	/	0.15±0.05	0.65±0.05	0.25±0.1
4D02 0402*4	2.0±0.10	1.0±0.10	0.45±0.10	0.40±0.05	0.30±0.05	0.20±0.15	0.50±0.05	0.30±0.15
2D03 0603*2	1.60±0.15	1.60±0.15	0.50±0.10	0.60±0.15	/	0.30±0.10	0.80±0.05	0.25±0.10
4D03 0603*4	3.20±0.20	1.60±0.20	0.50±0.10	0.65±0.15	0.50±0.15	0.30±0.15	0.80±0.10	0.30±0.15
16P8	4.0±0.20	1.60±0.15	0.45±0.10	0.45±0.05	0.30±0.05	0.30±0.15	0.50±0.05	0.40±0.15
2C02 0402*2	1.0±0.10	1.0±0.10	0.35±0.10	/	/	0.15±0.10	/	0.30±0.10
4C02 0402*4	2.0±0.10	1.0±0.10	0.45±0.10	/	/	0.15±0.10	/	0.30±0.10
4C03 0603*4	3.20±0.20	1.60±0.20	0.60±0.10	/	/	0.30±0.20	/	0.4±0.10
2F01 0201*2	0.8±0.1	0.6±0.1	0.35±0.1	0.3±0.1	/	0.15±0.1	0.5±0.05	0.15±0.1
4F01 0201*4	1.4±0.1	0.6±0.1	0.35±0.1	0.2±0.1	/	0.15±0.1	0.4±0.05	0.15±0.1

## Ratings (规格)

Type 类型	Rated power (功率) 70°C	Max Working Voltage 最大工作电压	Max Overload Voltage 最大过负荷电压	Dielectric Withstanding Voltage 绝缘耐压	Resistance Range 阻值范围 ±5%, ±1%	Temperature Coefficient 温度系数 PPM/°C	Operating Temperature 工作温度范围	Resistance Value of Jumper 零欧姆电阻阻值	Rated Current of Jumper 零欧姆电阻额定电流
2D02	1/16W	50V	100V	100V	10Ω~1MΩ	±200			
4D02	1/16W	50V	100V	100V	10Ω~1MΩ	±200			
2D03	1/16W	50V	100V	100V	10Ω~1MΩ	±200			
4D03	1/16W	50V	100V	300V	1Ω~1MΩ	≥10Ω:±200 <10Ω:±400			
4DP3	1/10W	50V	100V	300V	1Ω~1MΩ	≥10Ω:±200 <10Ω:±400	-55°C~+155°C	<50mΩ	1A
16P8	1/16W	50V	100V	300V	1Ω~1MΩ	≥10Ω:±200 <10Ω:±400			
2C02	1/16W	50V	100V	100V	10Ω~1MΩ	±200			
4C02	1/16W	50V	100V	100V	10Ω~1MΩ	±200			
4C03	1/16W	50V	100V	300V	1Ω~1MΩ	≥10Ω:±200 <10Ω:±400			
2F01	1/20W	12.5V	25V	/	10Ω~1MΩ	±200	-55°C ~+125°C	<50mΩ	1A
4F01	1/20W	12.5V	25V	/	10Ω~1MΩ	±200			

## Performance Specification (性能)

Short-time overload	短时间过负荷	± ( 2.0%±0.1Ω ) Max.( 最大 ) 2F01: 1%:±1%+0.05Ω,5%:±2%+0.05Ω
Insulation Resistance	绝缘电阻	≥10,000MΩ
Dielectric withstanding voltage	绝缘耐压	No evidence of flashover mechanical damage, arcing or insulation break down. 无击穿, 飞弧及可见机械性损伤
Terminal bending	端子弯曲	± ( 1.0%±0.05Ω ) Max.( 最大 )
Soldering heat	耐焊接热	ΔR/R ≤ ± ( 1.0%+0.05Ω )
Solderability	可焊性	Min.95% coverage ( 最少 95% 覆盖 )
Temperature cycling	温度循环	ΔR/R ≤ ±(1.0%+0.05Ω) 2F01: 1%:±0.5%+0.05Ω,5%:±1%+0.05Ω
Load life in humidity	湿度寿命	±(3.0%±0.1Ω)Max. 最大 2F01: 1%:±2%+0.1Ω,5%: 3.0%±0.1Ω
Load life	负载寿命	±(3.0%±0.1Ω)Max. 最大 2F01: 1%:±2%+0.1Ω,5%: 3.0%±0.1Ω

## Ordering Procedure (Example: 2F01 1/20W ±5% 10K T/R-10000)

订购方式 (例如: 2F01 1/20W ±5% 10K T/R-10000)

