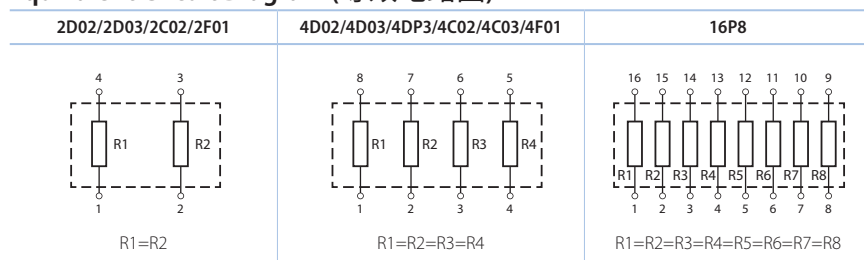


Feature (特性)

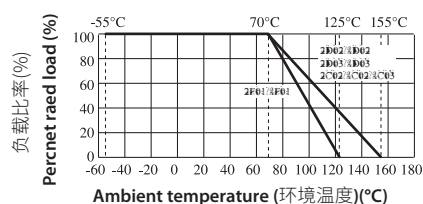
- High density, more than 1 resistors in one small case 高度密集, 多个电阻在一个表贴封装中
- Improvement of placement efficiency 装配效率高
- Tape/Reel packaging is suitable for automatic placement machine 编带卷装适合自动化机器
- Superior solderability 优越焊锡性
- Application: Master board, CD & DVD Rom, Hard Disk, RAM
应用于 CD、DVD、硬盘、内存、主板等
- AEC-Q200 Qualified



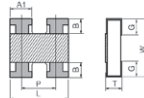
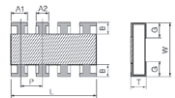
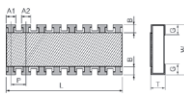
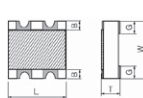
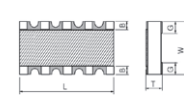
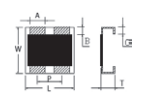
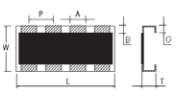
Equivalent Circuit Diagram (等效电路图)



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	4D02/4D03/4DP3	16P8	2C02	4C02/4C03	2F01	4F01
						

*The 16P8 series of Anti-sulfuration products are available in particular.

*16P8 系列抗硫化产品可特别提供

Type 类型	Dimensions 尺寸 (mm)							
	L	W	T	A1	A2	B	P	G
2D02 0402*2	1.00±0.10	1.00±0.10	0.35±0.10	0.33±0.10	/	0.15±0.05	0.65±0.05	0.25±0.10
4D02 0402*4	2.00±0.10	1.00±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
4D03/4DP3 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	4.00±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	1.00±0.10	1.00±0.10	0.35±0.10	/	/	0.15±0.10	/	0.30±0.10
4C02 0402*4	2.00±0.10	1.00±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	/	0.40±0.10
2F01 0201*2	0.80±0.10	0.60±0.10	0.35±0.10	0.30±0.10	/	0.15±0.10	0.50±0.05	0.15±0.10
4F01 0201*4	1.40±0.10	0.60±0.10	0.35±0.10	0.20±0.10	/	0.15±0.10	0.40±0.05	0.15±0.10

Ratings (规格)

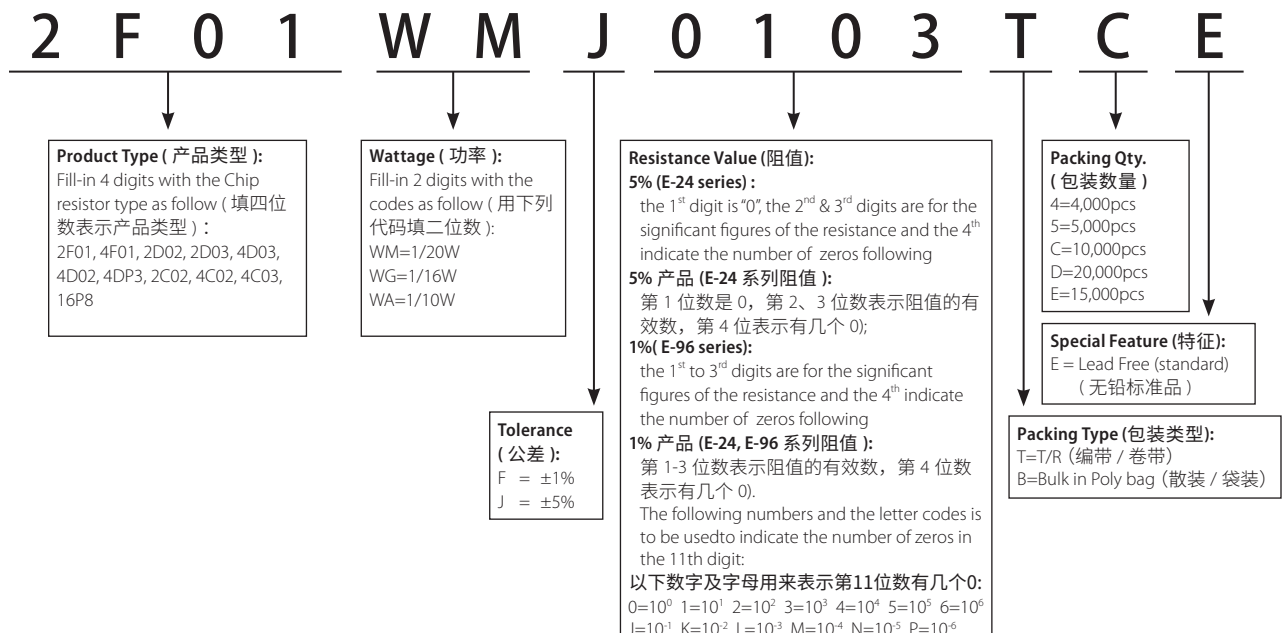
Type 类型	Power Rating 额定功率	Max Working Voltage 最大工作电压	Max Overload Voltage 最大过负荷电压	Dielectric Withstanding Voltage 绝缘耐压	Resistance Range 阻值范围 ±5%, ±1%	Temperature Coefficient 温度系数 PPM/°C	Operating Temperature 工作温度范围	Resistance Value of Jumper 零欧姆电阻阻值	Rated Current of Jumper 零欧姆电阻额定电流
2D02	1/16W	50V	100V	100V	10Ω~1MΩ	±200	-55°C~+155°C	<50mΩ	1A
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			
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	1/10W	50V	100V	300V	1Ω~1MΩ	≥10Ω±200 <10Ω±400	-55°C~+125°C	<50mΩ	1A
2F01	1/20W	12.5V	25V	/	10Ω~1MΩ	±200			
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) 2F01: 1%: ±(1%+0.05Ω), 5%: ±(2%+0.05Ω)
Insulation Resistance	绝缘电阻	≥1000MΩ
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)
Soldering heat	耐焊接热	ΔR/R ≤ ± (1.0%+0.05Ω)
Solderability	可焊性	Coverage must be over 95%.
Rapid change of temperature	温度快速变化	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) 2F01: 1%: ±(2%+0.1Ω), 5%: ±(3.0%±0.1Ω)
Load life	负载寿命	± (3.0%±0.1Ω) 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)



Remark: For more details, please check page 152, Part No. System. 注: 更多细节详见 P152 标准料号系统。

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Royalohm:

<u>2D02WGF1000TCE</u>	<u>2D02WGF1001TCE</u>	<u>2D02WGF1002TCE</u>	<u>2D02WGF1003TCE</u>	<u>2D02WGF100JTCE</u>
<u>2D02WGF1372TCE</u>	<u>2D02WGF1500TCE</u>	<u>2D02WGF1582TCE</u>	<u>2D02WGF2002TCE</u>	<u>2D02WGF220JTCE</u>
<u>2D02WGF220KTCE</u>	<u>2D02WGF2211TCE</u>	<u>2D02WGF2741TCE</u>	<u>2D02WGF3012TCE</u>	<u>2D02WGF3571TCE</u>
<u>2D02WGF3901TCE</u>	<u>2D02WGF390JTCE</u>	<u>2D02WGF390KTCE</u>	<u>2D02WGF4641TCE</u>	<u>2D02WGF4700TCE</u>
<u>2D02WGF4701TCE</u>	<u>2D02WGF470JTCE</u>	<u>2D02WGF4751TCE</u>	<u>2D02WGF5361TCE</u>	<u>2D02WGF560JTCE</u>
<u>2D02WGF7501TCE</u>	<u>2D02WGF820JTCE</u>	<u>2D02WGF9100TCE</u>	<u>2D02WGF9761TCE</u>	<u>2D02WGJ0100TCE</u>
<u>2D02WGJ0101TCE</u>	<u>2D02WGJ0102TCE</u>	<u>2D02WGJ0103TCE</u>	<u>2D02WGJ0104TCE</u>	<u>2D02WGJ0105TCE</u>
<u>2D02WGJ0121TCE</u>	<u>2D02WGJ0150TCE</u>	<u>2D02WGJ0151TCE</u>	<u>2D02WGJ0152TCE</u>	<u>2D02WGJ0182TCE</u>
<u>2D02WGJ0183TCE</u>	<u>2D02WGJ0201TCE</u>	<u>2D02WGJ0202TCE</u>	<u>2D02WGJ0203TCE</u>	<u>2D02WGJ020JTCE</u>
<u>2D02WGJ0220TCE</u>	<u>2D02WGJ0221TCE</u>	<u>2D02WGJ0222TCE</u>	<u>2D02WGJ0224TCE</u>	<u>2D02WGJ0241TCE</u>
<u>2D02WGJ0270TCE</u>	<u>2D02WGJ0271TCE</u>	<u>2D02WGJ0272TCE</u>	<u>2D02WGJ0300TCE</u>	<u>2D02WGJ030JTCE</u>
<u>2D02WGJ0330TCE</u>	<u>2D02WGJ0331TCE</u>	<u>2D02WGJ0332TCE</u>	<u>2D02WGJ0360TCE</u>	<u>2D02WGJ0361TCE</u>
<u>2D02WGJ0362TCE</u>	<u>2D02WGJ0390TCE</u>	<u>2D02WGJ0391TCE</u>	<u>2D02WGJ0392TCE</u>	<u>2D02WGJ039JTCE</u>
<u>2D02WGJ0430TCE</u>	<u>2D02WGJ0431TCE</u>	<u>2D02WGJ043JTCE</u>	<u>2D02WGJ0470TCE</u>	<u>2D02WGJ0471TCE</u>
<u>2D02WGJ0472TCE</u>	<u>2D02WGJ0473TCE</u>	<u>2D02WGJ047JTCE</u>	<u>2D02WGJ0510TCE</u>	<u>2D02WGJ0513TCE</u>
<u>2D02WGJ051JTCE</u>	<u>2D02WGJ0560TCE</u>	<u>2D02WGJ0561TCE</u>	<u>2D02WGJ0562TCE</u>	<u>2D02WGJ0680TCE</u>
<u>2D02WGJ0681TCE</u>	<u>2D02WGJ0682TCE</u>	<u>2D02WGJ0684TCE</u>	<u>2D02WGJ0750TCE</u>	<u>2D02WGJ0751TCE</u>
<u>2D02WGJ0752TCE</u>	<u>2D02WGJ0820TCE</u>	<u>2D02WGJ0821TCE</u>	<u>2D02WGJ0822TCE</u>	<u>2D02WGJ0911TCE</u>
<u>2D03WGJ0100T5E</u>	<u>2D03WGJ0101T5E</u>	<u>2D03WGJ0102T5E</u>	<u>2D03WGJ0103T5E</u>	<u>2D03WGJ0104T5E</u>
<u>2D03WGJ0150T5E</u>	<u>2D03WGJ0153T5E</u>	<u>2D03WGJ0154T5E</u>	<u>2D03WGJ0201T5E</u>	<u>2D03WGJ0221T5E</u>