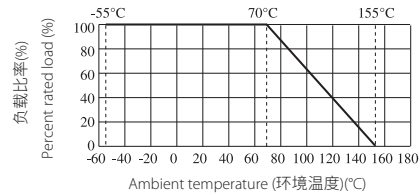


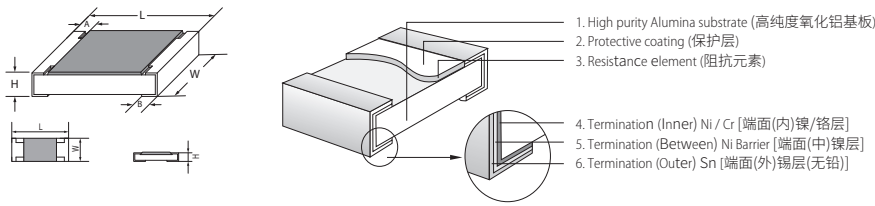
Feature (特性)

- Anti-Electro Static Discharge 抗静电
- High voltage 耐高压
- Suitable for reflow & wave soldering 适合波峰焊与回流焊
- Medical Devices, Industrial Controls, AV adapter, Flash lamp of camera, Outdoor Equipments
适用于医疗器械、工业控制、电源适配器、照相机的闪光灯、户外设备等

Derating Curve (降功率曲线)



Figures (型状)



Specification (性能)

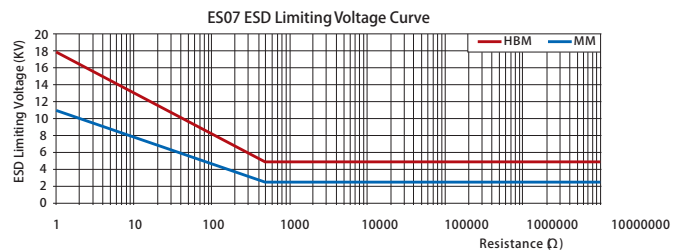
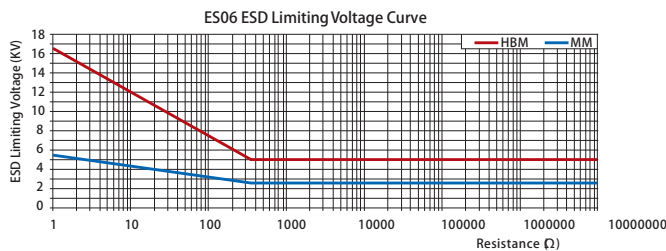
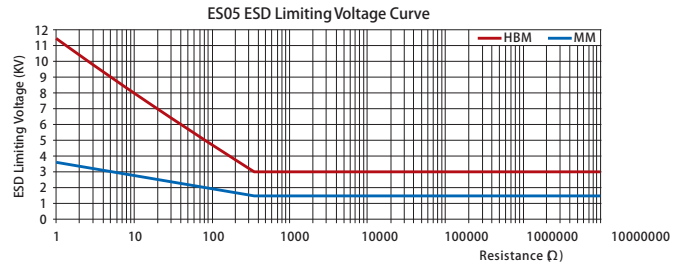
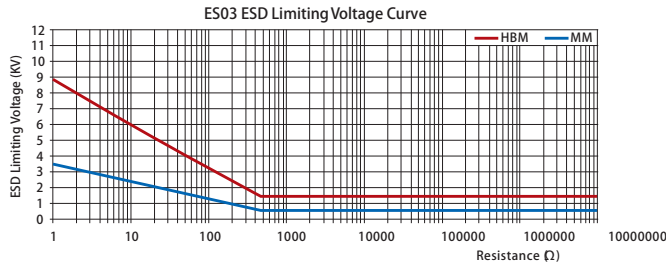
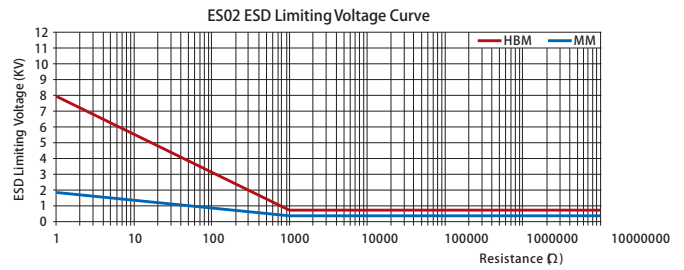
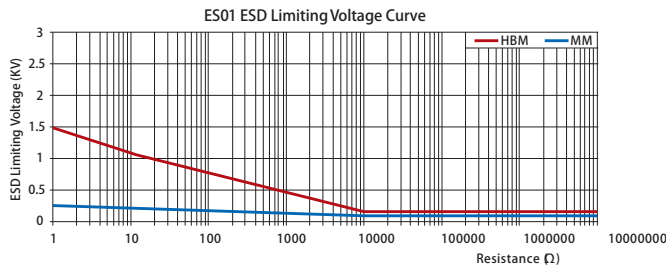
Type 类型	Size 尺寸	Max working voltage 最大工作电压	Max Overload Voltage 最大过负荷电压	Dielectric Withstanding Voltage 绝缘耐压	Operating Temperature 工作温度范围
ES01	0201 (0603)	25V	50V	/	-55~+155°C
ES02	0402 (1005)	50V	100V	100V	
ES03	0603 (1608)	150V	200V	300V	
ES05	0805 (2012)	200V	400V	500V	
ES06	1206 (3216)	500V	1000V	500V	
ES07	1210 (3225)	800V	1500V	500V	

Type 类型	Power Rating 额定功率	L (mm)	W (mm)	H (mm)	A (mm)	B (mm)	Resistance Range 阻值范围 1% & 5%
ES01	1/20W	0.60±0.03	0.30±0.03	0.23±0.03	0.10±0.05	0.15±0.05	1Ω~10MΩ
ES02	1/16W	1.00±0.10	0.50±0.05	0.35±0.05	0.20±0.10	0.25±0.10	
ES03	1/4W	1.60±0.10	0.80±0.10	0.45±0.10	0.30±0.20	0.30±0.20	
ES05	2/5W	2.00±0.15	1.25 ^{+0.15} _{-0.10}	0.55±0.10	0.40±0.20	0.40±0.20	
ES06	2/3W	3.10±0.15	1.55 ^{+0.15} _{-0.10}	0.55±0.10	0.45±0.20	0.45±0.20	
ES07	1/2W	3.10±0.10	2.60±0.20	0.55±0.10	0.50±0.25	0.50±0.20	

Performance Specifications (性能)

Temperature coefficient 温度系数	ES01: 1Ω≤R≤10Ω: ±400ppm/°C 10Ω<R≤10MΩ: ±200ppm/°C ES02~ES07: 1Ω≤R≤10Ω: ±200ppm/°C 10Ω<R≤10MΩ: ±100ppm/°C	Humidity (Steady State) 恒定温热	±1%:±(0.5%+0.1Ω) ±5%:±(3.0%+0.1Ω)
Short-time overload 短时间过负荷	±1%:±(1.0%+0.1Ω) ±5%:±(2.0%+0.1Ω)	Dielectric withstanding voltage 绝缘耐压	No evidence of flashover, mechanical damage, arcing or insulation breakdown 无击穿, 电弧及可见机械性损伤
Terminal Bending 端子弯曲	±(1.0%+0.05Ω)	Rapid change of temperature 温度快速变化	±1%:±(0.5%+0.05Ω) ±5%:±(1.0%+0.05Ω)
Solderability 可焊性	Coverage must be over 95%.	Load life 负载寿命	±1%:±(1.0%+0.1Ω) ±5%:±(3.0%+0.1Ω)
Soldering heat 耐焊接热	±(1.0%+0.05Ω)	ESD 抗静电	±(1.0%+0.05Ω)

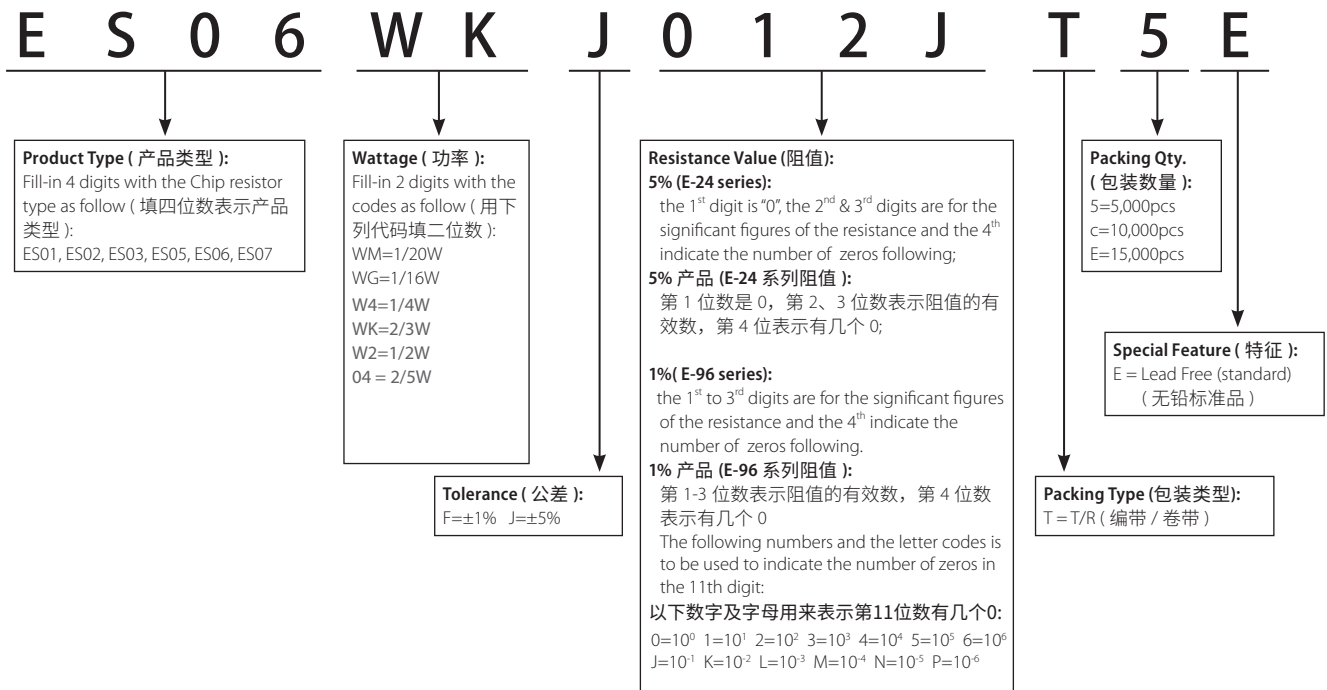
ESD Limiting Voltage Curve (抗静电曲线)



NOTE 备注: HBM:100PF 1K5 1Cycle; MM:200PF 0Ω 1Cycle

Ordering Procedure (Example: ES06 2/3W 5% 1.2Ω T/R-5000)

订购方式 (例如: ES06 2/3W 5% 1.2Ω T/R-5000)



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。