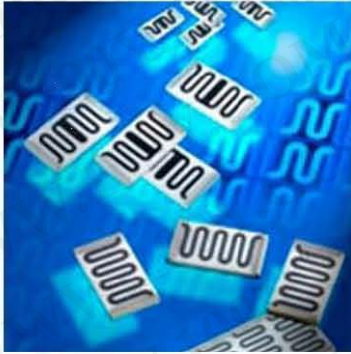


CHM型精密高阻-兆欧片式电阻器

PRECISION HIGH-MEGOHM CHIP RESISTORS

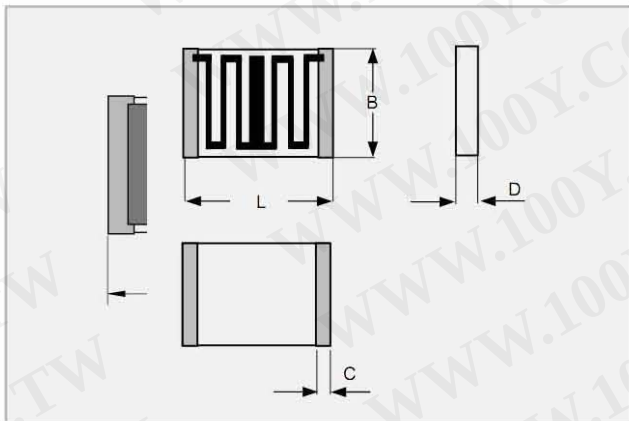
SERIES CHM 0805, 1206, 1210, 2010, 2512, 4020



产品特点 FEATURES

- 厚膜高阻片式电阻器
- High Value Chip Resistors in Thickfilm
- 低温低压工作
- Low temperature and voltage dependency
- 产品无磁性
- Non-magnetic
- 最高工作电压可达到6000V
- Working Voltage up to 6000V

外形尺寸 DIMENSIONS



Size	L	B	D	C
0805	2.00 $^{+0.15/-0.05}$	1.25 $^{+0.15/-0.05}$	0.40 $^{+0.15/-0.05}$	0.3 $^{+0.2/-0.1}$
1206	3.20 $^{+0.15/-0.05}$	1.50 $^{+0.2/-0.05}$	0.40 $^{+0.15/-0.05}$	0.3 $^{+0.2/-0.1}$
1210	3.20 $^{+0.15/-0.05}$	2.50 $^{+0.2/-0.05}$	0.50 $^{+0.15/-0.05}$	0.8 $^{+0.2}$
2010	5.10 $^{+0.15/-0.05}$	2.50 $^{+0.2/-0.05}$	0.60 $^{+0.20/-0.1}$	1.2 $^{+0.2}$
2512	6.30 $^{+0.15/-0.05}$	3.50 $^{+0.2/-0.05}$	0.60 $^{+0.15/-0.05}$	0.9 $^{+0.2}$
4020	10.20 $^{+0.20/-0.05}$	5.10 $^{+0.2/-0.05}$	0.60 $^{+0.20/-0.1}$	0.9 $^{+0.2}$

L = Length, B = Width, D = Thickness, C = Width of wrap around (in mm)

包装方式 PACKAGING

- 散装装在塑料袋或管式包装—每种阻值最低数量100只
- Bulk in plastic bags or tubes—minimum quantity 100 pieces per value
- 编带包装按IEC 60286-3—每种阻值最少1000只
- Blister tape acc. to IEC 60286-3—minimum 1000 pieces per value
- 料盘直径180mm或330mm
- Reel diameter 180mm or 330mm

供货示例 ORDERING DATA

- 型号—阻值—精度—温度系数—包装方式
- Type—Value—Tolerance—TCR—Packaging
- 例如:CHM 4020 10G $\pm 10\%$ TCR100 编带180mm
- Example:CHM 4020 10G $\pm 10\%$ TCR100 Tape 180mm
- 如果对温度系数、测量电压和包装方式无要求,将按标准温度系数提供(表中最大值),测量电压10V,包装是散装
- If no requirements for TCR, measuring voltage and taping are given, the standard value (highest value in table) will be supplied, measuring voltage of 10V is used and packaging is bulk

CHM型 精密高阻-兆欧片式电阻器

PRECISION HIGH-MEGOHM CHIP RESISTORS

SERIES CHM 0805, 1206, 1210, 2010, 2512, 4020

技术参数-根据不同尺寸 TECHNICAL DATA-DEPENDING ON SIZE

尺寸 (Size)	0805	1206	1210	2010	2512	4020
额定功率 P_{70} (mW) Power rating P_{70} (mW) ($P_{155}=0$ mW)	125	250	350	500	1000 ¹⁾	1500 ¹⁾
工作电压 U_{-}, U_{eff} (V) Working voltage U_{-}, U_{eff} (V) 刻槽trimmed 未刻槽untrimmed(Tol. $\geq 5\%$)	200 600	600 1000	1000 1200	1500 2000	2000 3000	4000 6000
阻值范围/精度/温度系数 ²⁾ /电压系数 ³⁾ Ranges/Tolerances/TCR ²⁾ /VCR ³⁾	0805	1206	1210	2010	2512	4020
100K-100M	0.5/1/2/5/10% TC25/50/100 <50ppm/V	0.5/1/2/5/10% TC25/50/100 <50ppm/V	0.5/1/2/5/10% TC25/50/100 <25ppm/V	0.5/1/2/5/10% TC25/50/100 <25ppm/V	0.5/1/2/5/10% TC25/50/100 <10ppm/V	0.25/.../10% TC25/50/100 <10ppm/V
>100M-1G	2/5/10/20% TC50/100/250 <250ppm/V	2/5/10/20% TC50/100/250 <100ppm/V	1/2/5/10/20% TC25/50/100 <50ppm/V	1/2/5/10/20% TC25/50/100 <50ppm/V	1/2/5/10/20% TC25/50/100 <25ppm/V	0.5/.../20% TC25/50/100 <10ppm/V
>1G-10G	5/10/20% TC100/250 <500ppm/V	5/10/20% TC100/250 <250ppm/V	2/5/10/20% TC50/100 <100ppm/V	2/5/10/20% TC50/100 <100ppm/V	2/5/10/20% TC50/100 <100ppm/V	1/2/5/10/20% TC25/50/100 <25ppm/V
>10G-100G	10/20/30% TC1000/2000 <1000ppm/V	10/20/30% TC500/1000 <1000ppm/V	5/10/20/30% TC500/1000 <500ppm/V	5/10/20/30% TC250/500 <500ppm/V	5/10/20/30% TC250/500 <250ppm/V	2/5/10/20/30% TC250/500 <100ppm/V
>100G-1T		10/20/30% TC1000/2000 <2000ppm/V	5/10/20/30% TC1000/2000 <1000ppm/V	5/10/20/30% TC500/1000 <1000ppm/V	5/10/20/30% TC500/1000 <500ppm/V	5/10/20/30% TC500/1000 <250ppm/V
>1T-10T					10/20/30% TCR VCR on request	10/20/30% TCR VCR on request

- ¹⁾ 如果想获得持续的功率耗散, 焊接区域的面积应能保证足够的热传导
- ¹⁾ At continuous power dissipation the dimensions of solder-pads have to secure sufficient heat-conduction
- ²⁾ 温度系数 25/50: 温度范围 +25°C ■ +85°C
- ²⁾ TC25/50: Temperature range +25°C ■ +85°C
- ³⁾ 电压系数: 典型值
- ³⁾ VCR: Typical values
- 较低精度值、温度系数和电压系数可按要求和协议供货
- Lower values of tolerance, TCR and VCR on request and agreement

特性参数-通用 TECHNICAL DATA-GENERAL

温度范围	Temperature range	-55°C ~ +155°C	
气候类别按 IEC60068	Climatic category acc. to IEC60068	55/155/56	
可焊性按 IEC60068 T2-20, Ta 方法 1 ⁴⁾ Solderability acc. IEC60068 T2-20, Ta Meth. 1 ⁴⁾		235°C 5s	
耐焊接热按 IEC60068 T2-20, Tb 方法 1A Max. soldering temperature acc. IEC60068 T2-20, Tb Meth. 1A		260°C 10s	
长期稳定性 Long term stability		<1G	<10G
高温贮存 125°C/1000h Storage 125°C/1000h		<0.5%	<1%
寿命 70°C/1000h Load life 70°C/1000h		<0.25%	<0.5%
			<1%

- ⁴⁾ 装运后至6个月要求贮存在氮气中
- ⁴⁾ Up to 6 months after shipment resp. at storage in Nitrogen
- 未列特性按 CECC40401-802
- Data not specified according CECC 40401-802

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