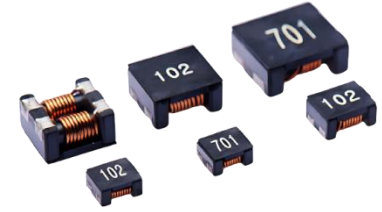


## SMCH 系列共模线圈 SMCH Series Common Mode Chokes



### 特征 Features

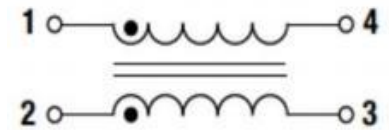
超薄大电流	Low Profile & High Current
温度最高125°C	High Temperature, Up to 125°C
适合表面贴装	SMT Type



### 应用 Applications

液晶电视和电脑	LCD TV & PC
照明	LED Lighting
抑制电源噪音	Power Line Noise Countermeasure

### 电路接线图 Circuit

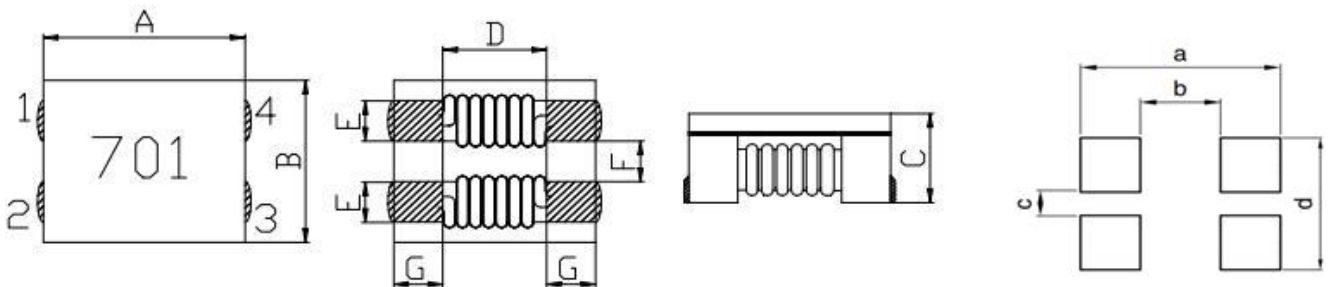


### 产品规格型号表示方法 How to Order

SMCH 1210    - 701 Y S  
①            ②            ③            ④            ⑤            ⑥

① 产品代号 Product Code		② 规格尺寸(L×W×T) Dimensions(mm)		③ 材质代号 Material Code		④ 阻抗(Ω) Impedance		⑤ 误差(%) Tolerance		⑥ 应用领域 Application	
SMCH	SMCH 系列 SMCH Series	1210	12.5×10.8×6.5	无 M A	镀锌 Ni-Zn 锰锌 Mn-Zn 合金 Alloy	1R0 100 101 102	1.0 10 100 1000	K M P N Y	10 20 25 30 其它	C S T	车载品 125°C Automotive 125°C 标准品 For Standard 特制品 For Special

### 外型尺寸 Dimensions(mm)

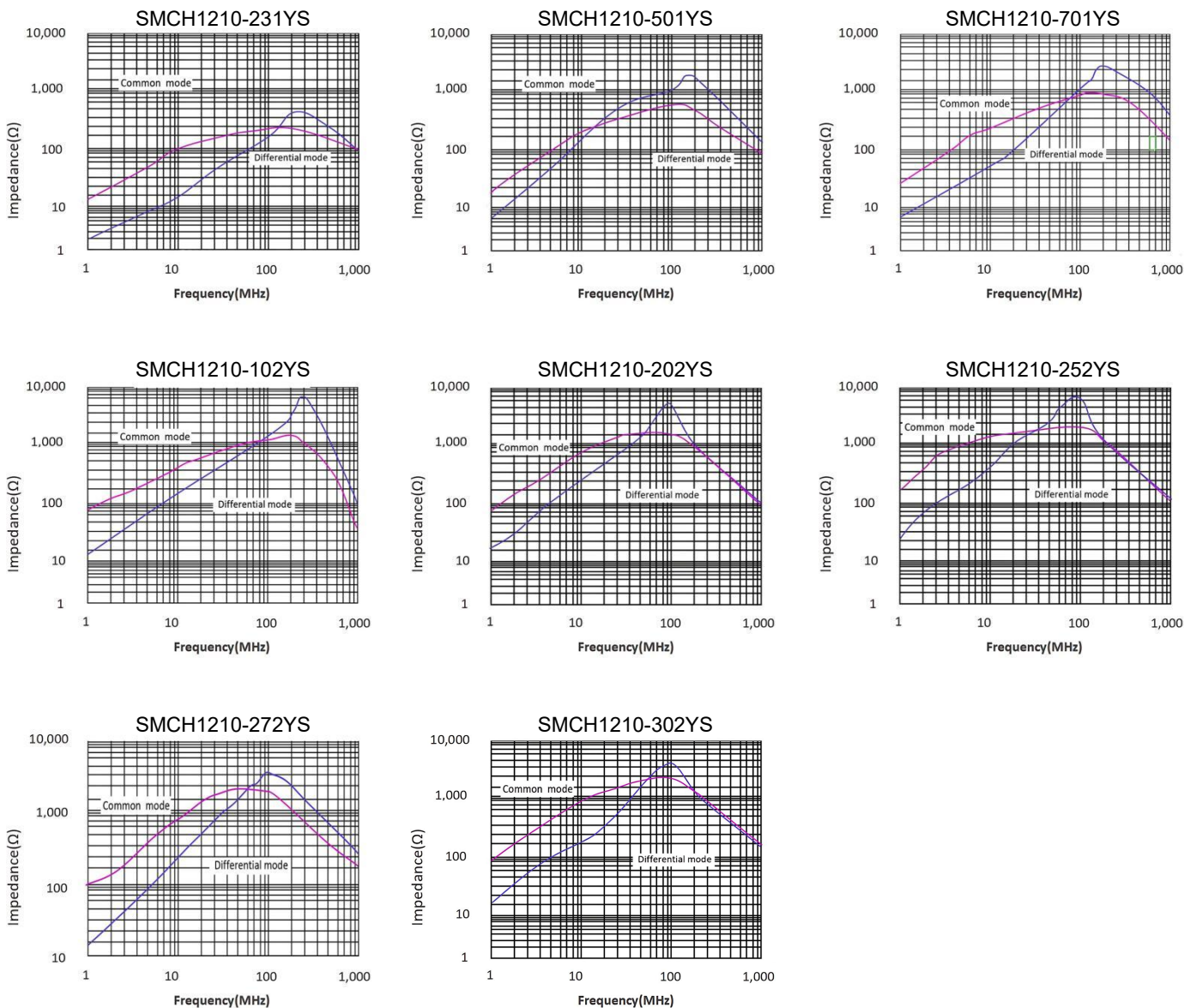


Type Name	A	B	C	D	E	F	G	a	b	c	d
SMCH1210	12.5±0.5	10.8±0.3	6.5 Max.	6.8 Typ.	2.8 Typ.	2.4 Typ.	2.8 Typ.	14.0 Typ.	6.8 Typ.	2.4 Typ.	8.0 Typ.

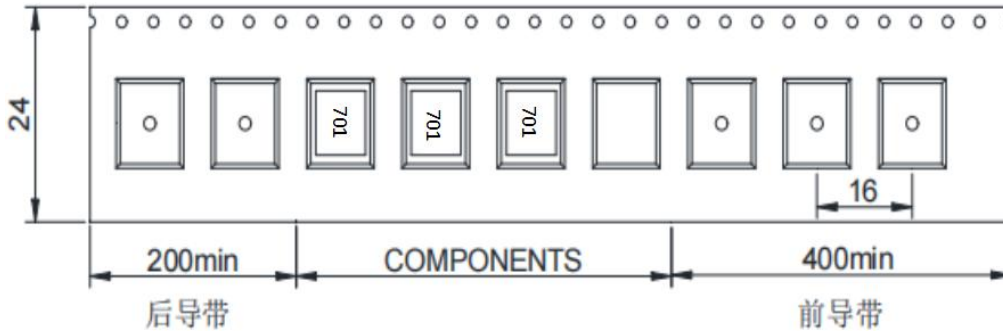
性能参数 Electrical Characteristics

规格型号 Part No.	Impedance( $\Omega$ ) 100MHz/0.1V		Rdc(m $\Omega$ )	I <sub>DC</sub> (A)	IR(M $\Omega$ )	V <sub>DC</sub> (V)	印字 Stamp
	Min.	Typ.	Max.	Max.	Min.	Max.	
SMCH1210-800YS	40	80	2.5	13.0	10	80	800
SMCH1210-231YS	100	230	3.5	10.0	10	80	231
SMCH1210-501YS	350	500	5.0	9.0	10	80	501
SMCH1210-701YS	500	700	6.0	8.0	10	80	701
SMCH1210-102YS	750	1000	12	6.0	10	80	102
SMCH1210-202YS	1400	2000	14	4.0	10	80	202
SMCH1210-252YS	2000	2500	25	3.6	10	80	252
SMCH1210-272YS	2300	2700	50	1.5	10	80	272
SMCH1210-302YS	2500	3000	90	1.1	10	80	302

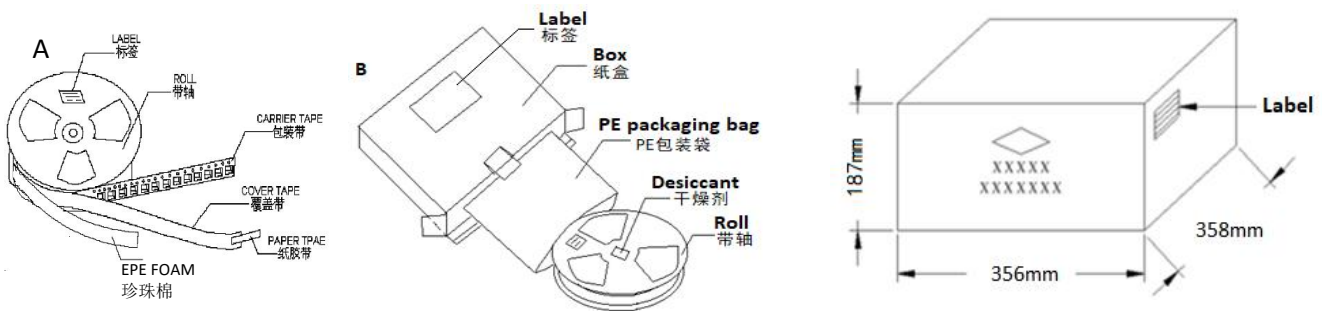
典型阻抗频率曲线 Impedance Frequency Characteristics(Typical)



### 包装材料及规格 Packaging Materials and Specifications



### 包装方式及数量 The Packing Method and Quantity

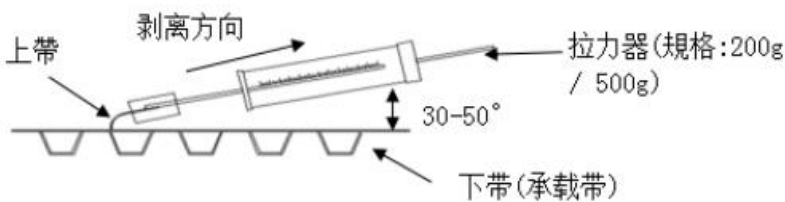


规格型号 Part No.	卷盘大小 Reel Size	卷盘数量 Reel Q'ty	内箱 Inner Box	外箱 Outer Box
SMCH1210	330 mm	500 pcs	1000 pcs	4000 pcs


### 剥离强度 Peeling Strength

在箭头方向上撕下20克到110克(0.2N到1.1N)的力,剥离速度300mm/MIN以上.



The force tearing off cover 20 to 110 grams (0.2N to 1.1N) in the arrow direction under the following conditions, The stripping speed is above 300mm/minute.





## 内外箱标识内容 Inside and Outside Box Identification Content


 创一科技 科技创一  
CYGE TECHNOLOGY TECHNOLOGY FIRST Made in China




Customer Name: <HSF/RoHS>


  
P/O: 

  
Customer P/N:

  
CYGE P/N:

  
LOT NO:            DATE:            PCS    QTY:

 匠心致远 追求卓越 感动人心  
Following ingenuity, pursuing, excellence, touching hearts

## 储存条件/注意的事项 Storage Conditions/Note things

1. 贮存温度、湿度条件 Storage temperature and humidity conditions :
  - 1.1. 产品包装与载体:- 5℃~ + 40℃, 低于60% RH.  
Product packing with Carrier tape: -5℃~+40℃ and less than 60% RH.
  - 1.2. 单独的产品:-20℃~ + 60℃, 低于60% RH.  
Product alone: -20℃~+60℃ and less than 60% RH.
2. 产品在6个月内使用(注意:产品一经拆开包装,须尽快使用).  
Products should be used within 6 months.  
(Note that the product should be used as soon as possible once it is folded) .
3. 包装材料应保存在空气中不存在氯或硫的地方.  
The packaging material should be kept where no chlorine or sulfur exists in the air.
4. 不要用手指触摸电极(焊接端子),因为这可能导致焊接能力的下降.  
Do not touch the electrodes (soldering terminals) with fingers as this may lead to deterioration of solder ability.
5. 个别零件强烈建议使用镊子或真空取料机散装搬运应减少磨损和机械冲击.  
The use of tweezers or vacuum pick-ups is strongly recommended for individual components.  
Bulk handling should ensure that abrasion and mechanical shock are minimized.