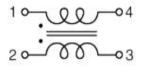
客户名称 CUSTOMER		客户品名 CUSTOMER P/N			i别 EV.	A
产品类型 PRODUCT TYPE	Common Mode Line Filter	品名 OURS P/N	HKCM-1005HC-SERIES		编号 E NO.	HKX210327
一.外观图/DIMEN	SION(单位/UNIT	: mm)			A	9.5 ±0.3
			The state of the s		В	8.3 ±0.3
• = 0	_   [				С	5.3 Max
50					D	1.2 Typ
					Е	7.5 Typ
. А					F	6.3 Typ
1	3		10,3 2,7 1 1 2 2 2 3 Land Pattern	8.9		

### 二.电路图/CIRCUIT DIAGRAM

三.注意事项/NOTE:



- 1.印字: 白色
- 2.平整度: 0.12MM MAX

### 四.电气特性/ELECTRICAL CHARACTERISTIC

Part Number	Common mode Impedance @100MHz (Ω)	Inductance (uH) @100KHz/0.1V	$DCR$ $(m\Omega)$ $Max$ .	Rated Current (A) Max.	Insulation Test Voltage (AC)Max.	Marking
HKCM-1005HC-501	500 (Typ)	5 (Typ)	5.5	5.0	500V	• 501
HKCM-1005HC-801	800 (Typ)	9 (Typ)	11	3.5	500V	• 801
HKCM-1005HC-102	1000 (Typ)	11 (Typ)	30	2.5	500V	•102
HKCM-1005HC-222	2200 (Typ)	30 (Typ)	60	1.4	500V	•222

(1).Rated Current: Temp.rise 40°C Typ

(2). Operating Temperature:  $-40^{\circ}$ C up to  $+125^{\circ}$ C

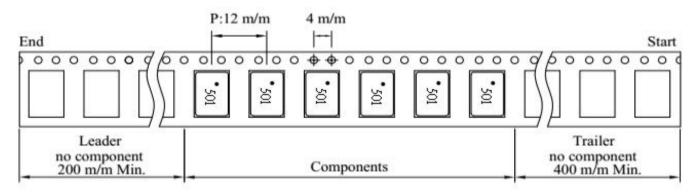
(3). Storage Temperature: -20°C up to +40°C, 75% RH max.

客户名称 CUSTOMER		客户品名 CUSTOMER P/N		版别 REV.	A
产品类型 PRODUCT TYPE	Common Mode Line Filter	品名 OURS P/N	HKCM-1005HC-SERIES	文件编号 FILE NO.	HKX210327

#### 五.材料清单/MATERIAL LIST

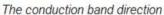
NO.	ITEM	DESCRIPTION
1	CORE	FERRITE
2	CASE	DAP
3	WIRE	P180 Grd1
4	SOLDER	Sn99.3:Cu0.7
5	INK	WHITE

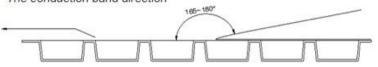
#### 六.编带规格/TAPING SPECFICATIONS



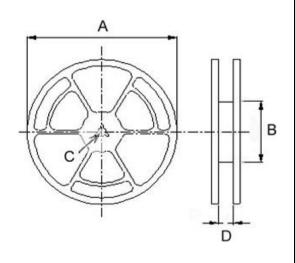
#### User direction of feed

Adhesive strength of cover tape is 20 to 120 gf





Reel Dimensions (Unit: mm) Quantity						
A	В	С	D	Pcs/Reel		
330	100	13	16.5	1000		



客户名称 CUSTOMER		客户品名 CUSTOMER P/N		版别 REV.	A
产品类型 PRODUCT TYPE	Common Mode Line Filter	品名 OURS P/N	HKCM-1005HC-SERIES	文件编号 FILE NO.	HKX210327
七.特征曲线/CHARACTERISTICS(REFERENCE)					
10000 1000 1000 100 10	HKCM-1005H	C-501	10000 HKCM-	1005HC-801	1000
	Frequency [Mi	iz]	Frequency [MHz]		
	Z (comm)	Z (diff)	Z (comm)Z (diff)		
10000   1	HKCM-1005H  10  Frequency [Min 2] (comm)	100 1000	10000 1000 1000 1000 1000 1000 1000 10	100 to 100 quency [MHz]	1000
	Com mon M	o de	Dif	ferential Mode	

客户名称

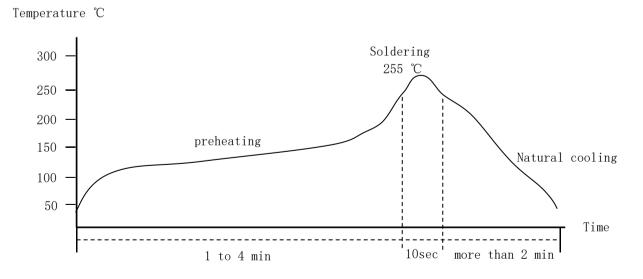
CUSTOMER		CUSTOMER P/N		REV.	A	
产品类型 PRODUCT TYPE	Common Mode Line Filter	品名 OURS P/N	HKCM-1005HC-SERIES	文件编号 FILE NO.	HKX210327	
八.可靠性测试/RI	ELIABILITY TEST	ING				
Operating Temper	rature	- 40 to +125 °C ( Contain Heating coil )				
Appearance Inspe	ection	No external defects by visual inspection				
Terminal Streng	th	After soldering , between copper plaet and terminals				
		of coils , push in two directions of X , Y with				
		standing 10N(1.02kg) for10+/-2 sec.				
		Terminal should not peel off. (Refer to figure at right)				
Heat endurance o	of reflow	Refer to figure				
soldering						
Insulating resis	stance	Over 100 MΩ at 1	00V D.C . between wire a	and core		
Dielectric Stre	ngth	Apply at 0.5KV 3mA for 1 minute between wire and core				
Temperature chai	racteristics	Inductance coefficient (0 $^{\circ}$ 2,000) × 10 / $^{\circ}$ C ( - 40 $^{\circ}$ + 125 $^{\circ}$ C )			+ 125 °C )	
Humidity characteristics Inductance			ion within $\pm$ 10%, afte	er 96 hours i	n 90~95%	
		relative humidity	at 40 $\pm$ 2 $^{\circ}$ C and 1 hou	ers drying un	der normal condi	

版别

客户品名

A test is made under the above mentioned condition , and it is kept for 2 hours in the normal

IR Reflow profile



Temperature and humidity. After that, no mechanical and electrical defect should be foun

1					
客户名称 CUSTOMER		客户品名 CUSTOMER P/N		版别 REV.	A
产品类型 PRODUCT TYPE	Common Mode Line Filter	品名 OURS P/N	HKCM-1005HC-SERIES	文件编号 FILE NO.	HKX210327
九.包装方式/PAC	l.			<u>                                       </u>	
Label	1.	轮盘规格: 13(直径 数量: 1000PCS/			
		数量: 1000PCS/袋.			
Labe		数量: 3000PCS/盒			
	4.	数量: 15000PCS/箱 作业说明: 当尾	数箱不足一整箱时需用内盒	a或填充物装满.	