

Product Specification for Approval

WE ARE PLEASED IN SUBMITTING OUR SAMPLES WITH SPECIFICATION TO YOU FOR APPROVAL.

CUSTOMER : _____

DESCRIPTION : **CHIP COMMON MODE CHOKE**

MNC P/N : **CC2012A-601**

VERSION : **A0**

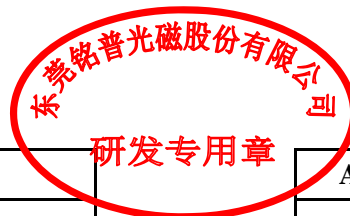
CUSTOMER P/N : _____

ISSUED DATE : **2020/04/08**

PHOTO OF PRODUCT : _____

WEIGHT : _____

MADE IN : **CHINA**



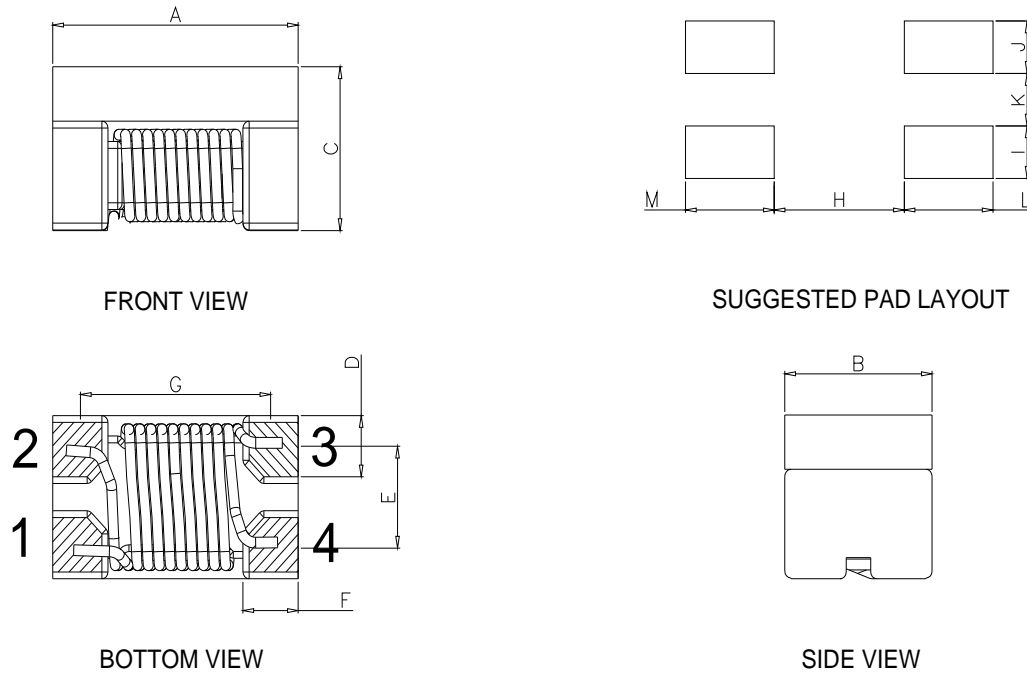
APPROVED BY MNC			APPROVED BY CUSTOMER
PREPARED BY 研发部 2020-04-08 符晶晶	CHECKED BY 研发部 2020-04-08 肖明华	APPROVED BY 研发部 2020-04-08 何校民	SIGNATURE OR STAMP

- PLEASE SEND BACK US A COPY OF THE SPECIFICATION WITH YOUR STAMP OR SIGNATURE ONCE THE SAMPLES APPROVED.
- IT WILL BE DEEMED THE SAMPLES TO BE APPROVED IF NO FEEDBACK.

东莞铭普光磁股份有限公司
Add: Shipai Town, Dongguan City, Guangdong Province, China

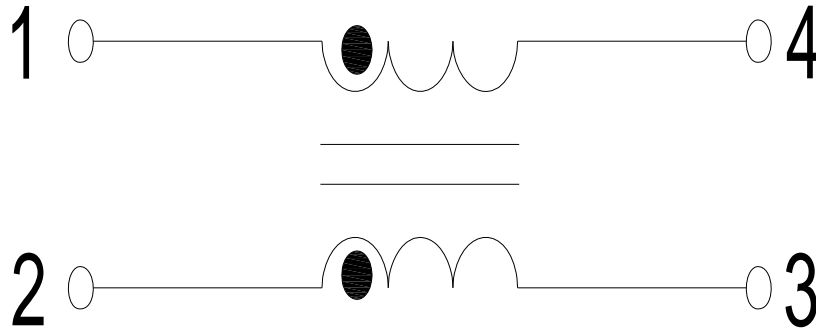
TEL: +86-769-86921000

FAX: +86-769-81701563

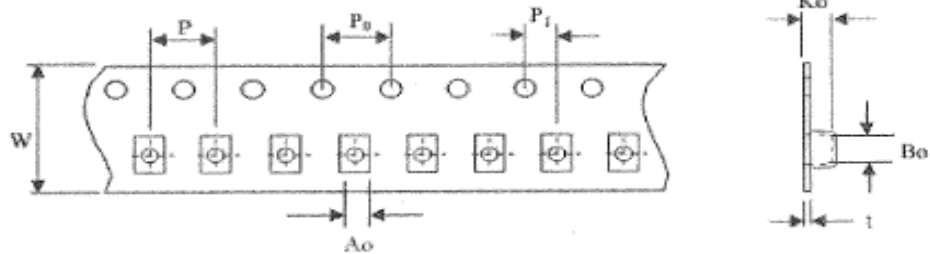
SPECIFICATION
Part No. CC2012A-601
A. MECHANICAL :


- 1.UNITS:mm/inch.
- 2.UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE: $\pm 0.25\text{mm}/0.010\text{inches}$
- 3.PIN LENGTH DON'T INCLUDE SOLDER POINT

DIM	MILLIMETERS			INCHES		
	MIN	NOM	MAX	MIN	NOM	MAX
A	1.80	2.00	2.20	0.071	0.079	0.087
B	1.00	1.20	1.40	0.039	0.047	0.055
C	1.00	1.20	1.40	0.039	0.047	0.055
D	0.20	0.45	0.70	0.008	0.018	0.028
E	0.50	0.75	1.00	0.020	0.030	0.039
F	0.20	0.45	0.70	0.008	0.018	0.028
G	1.30	1.55	1.80	0.051	0.061	0.071
H	/	1.15	/	/	0.045	/
I	/	0.50	/	/	0.020	/
J	/	0.50	/	/	0.020	/
K	/	0.50	/	/	0.020	/
L	/	0.80	/	/	0.031	/
M	/	0.80	/	/	0.031	/

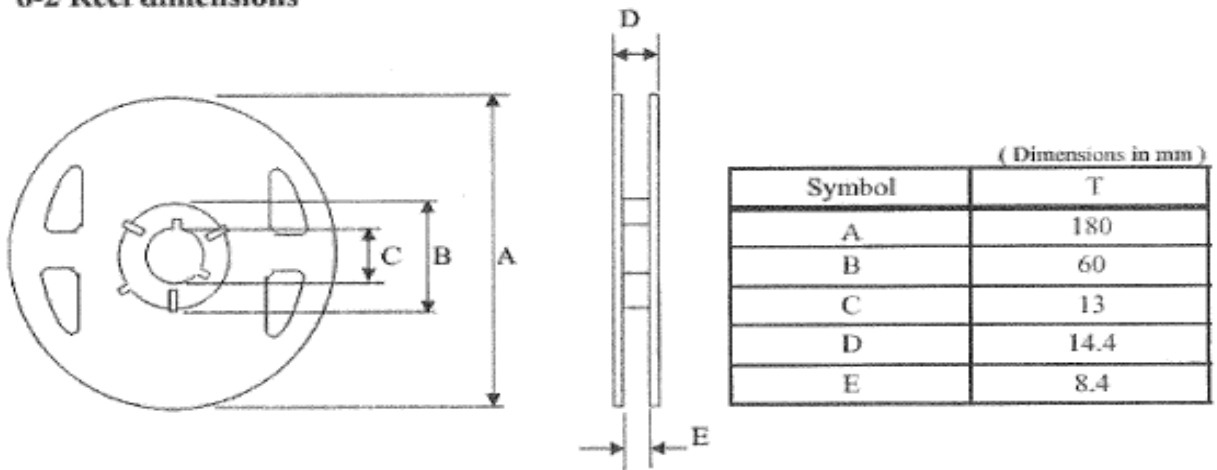
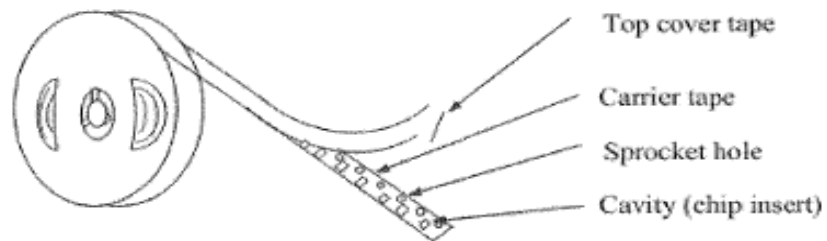
SPECIFICATION
Part No. CC2012A-601
B. SCHEMATIC :

C. ELECTRICAL SPECIFICATION @25°C

ITEM	SPECIFICATION	TEST CONDITION	TEST EQUIPMENT
IMPEDANCE :	600Ω±25%	100 MHz	TH2819XB OR EQU.
RATED VOLTAGE :PRI:SEC	1CT:1CT±5%		TH2819XB OR EQU.
HI-POT :	50VDC MAX.	1mA 60S	7152AB OR EQU.
OPERATING TEMPERATURE:	-40°C TO +85°C		

PACKAGE
Part No. CC2012A-601
D. PACKING:
a. PACKAGING AS BELOW (ONLY FOR A REFERENCE):


(Dimensions in mm; Tolerance : ±0.1)

Symbol	W	P	P ₀	P ₁	A ₀	B ₀	K ₀	t
Dimension	8	4	4	2	1.5	2.25	1.35	0.24

6-2 Reel dimensions

6-3 Tapping figure

b. Q'TY:

2000 PCS PER REEL
 30 REELS PER CARTON
 60000 PCS PER CARTON

REMARK:

ABOVE PACKING IS FOR YOUR REFERENCE ONLY, WHICH MIGHT BE CHANGED WITHOUT NOTICE.

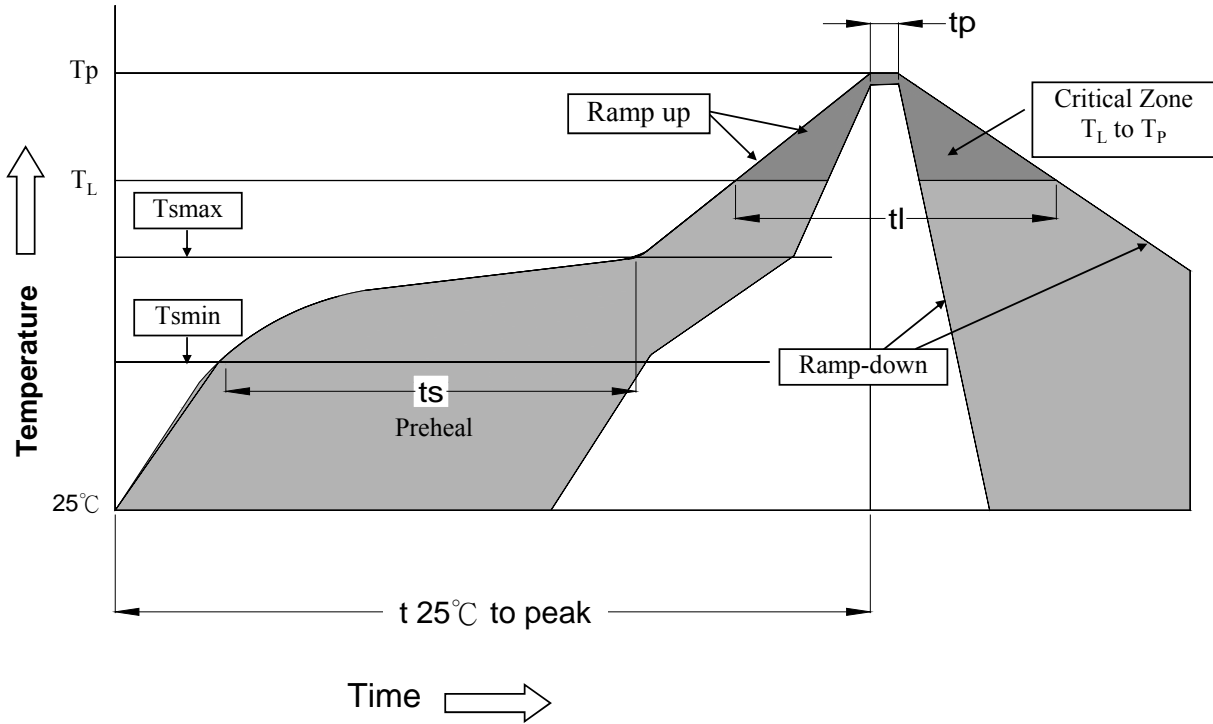
MATERIAL LIST
Part No. CC2012A-601
E.BOM

MATERIAL LIST					
NO.	ITEM	MATERIAL	RATING	SUPPLIER OF MATERIAL	UL/VDE
1	CORE	Ni-Zn	-----	RUYUAN DONGYANGGUANG MAGNETIC MATERIAL CO.LTD	N/A
2	COPPER WIRE	QPN180	180°C	ZHUHAI SUNTEK WIRE CO.LTD	E234867
		Polysol 180	180°C	ELEKTRISOLA(MALAYSIA) SDN.BHD.	E258243
3	GLUE	6087G2	-----	MIANYANG WELLS ELECTRONIC MATERIALS CO.LID	N/A

RECOMMENDED REFLOW SOLDERING PROFILE

Part No. CC2012A-601

a. RECOMMENDED REFLOW SOLDERING PROFILE:



$T_L = 217^\circ\text{C}$
 $T_p = 250^\circ\text{C}$
 $t_s = 60-180\text{s}$ $T_s \text{ max} = 200^\circ\text{C}$ $T_s \text{ min} = 150^\circ\text{C}$
 $t_L = 60-150\text{s}$ $t_p = 20-40\text{s}$ $T_{25^\circ\text{C to peak}} = 8\text{min max}$

Ramp up rate = 3°C/s max

Ramp down rate = 6°C/s max

*RoHS Compliant

*Solder Paste SAC 305 Sn 96.5/Ag 3.0/Cu 0.5

*Silkscreen thickness: 0.10mm

b. MOISTURE SENSITIVE LEVEL:

b.1. LEVEL: 1

b.2. SHELF LIFE: UNLIMITED

b.3. STORAGE CONDITION: $\leq 30^\circ\text{C}/85\% \text{ RH}$