

LK Electronics

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**PRODUCT SPECIFICATIONS**

Code:CL/036-2003-B

Customer Name _____

Customer's Part Number CL1120Issued Number. D(CL1120-G-02)Date 15-05-2013

	"√"	CUSTOMER'S SIGNATURE	DATE
APPROVED			
REJECTED			
PARTLY APPROVED			
	REMARK		

1 Purpose

This specification sheet is to be supplied together with samples to potential customers. The customers test the samples, and assess the test results to determine whether these samples meet technical requirements.

2 Application

This product is for ISDN applications.

3 Technical Specifications

3.1 Operating Temperature Range: -40°C -85°C

3.2 Technical Specifications (shown in Table-1)

Item	Condition	Spec.	PIN
HI-POT (Vrms)	1500VAC 2sec 0.5mA		1-16 (Shot1, 2, 3, 4 & 16, 15, 14, 13) & 5-12 (Short4, 5, 6, 7 & 12, 11, 10, 9)
	500VAC 1sec 0.5mA		13-16 (Shot1, 2, 16, 15&3,4,13,14) & 9-12 (Short5,6,11,12&7,8,9,10)
	500VAC 1sec 0.5mA		1-8 (Shot1, 2, 3, 4,13,14,15,16&5,6,7,8,9,10,11,12)
Impedance test	$\Delta I_{DC}=4mA, f=20kHz$ $U_{AC,eff}=100mV$	$Z3= Z4 > (2500/4)\Omega$	1-2, 3-4, 5-6, 7-8
OCL	10KHz 0.1V	25mH Min	13-16 (Short14、15)&9-12(Short11、10)
	CHOKE 100KHz 0.1V	5mH Min	1-2 (short15,16) 3-4(short14,13) 5-6(short12,11) 7-8(short10,9)
Turn Ratios		1:1:1:1 ±2%	1-2:3-4:16-15:14-13 & 5-6:7-8:12-11:10-9
LL	100KHz 0.1V	5uH MAX	1-4 (Short2, 3 & 13, 14, 15, 16) & 5-8 (Short6, 7 & 12, 11, 10, 9)
CW/W	10KHz 0.1V	100pF MAX	1-16 (Short1, 2, 3, 4 & 16, 15, 14, 13) & 5-12 (Short4, 5, 6, 7 & 12, 11, 10, 9)
DCR		3.5Ω MAX	1-4 (Short2,3)&5-8(Short6,7)
		3.5Ω MAX	13-16 (Short14,15)&9-12(Short10-11)

Table-1 Technical Specifications of CL1120

4 Mechanical

The product dimensions are shown in Figure-1 (unit: mm)

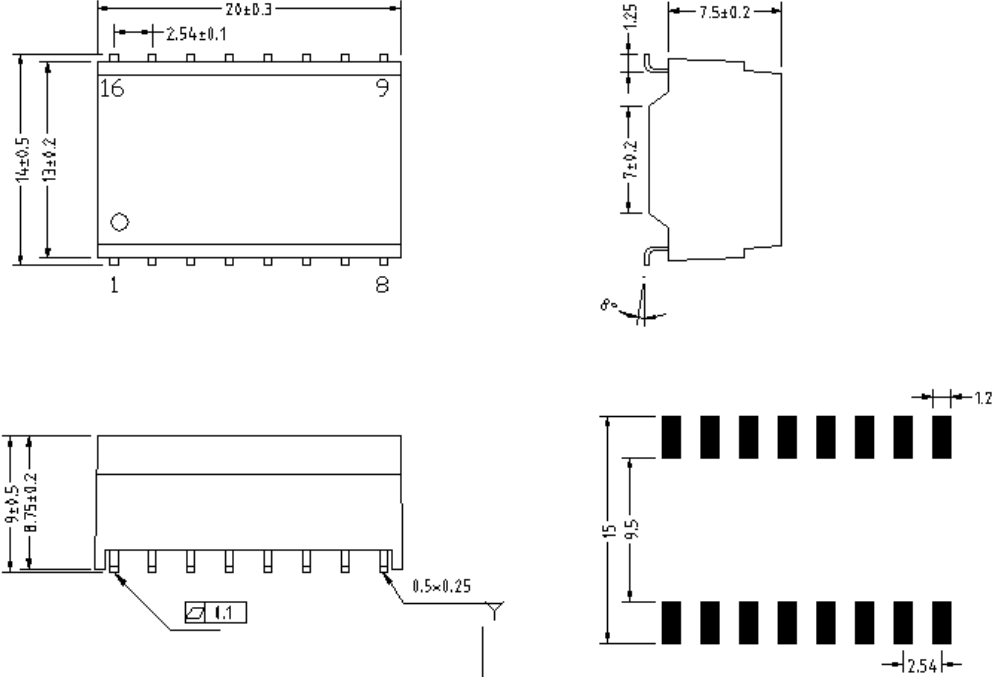


Figure-1 Dimensions of CL1120

5 Schematic

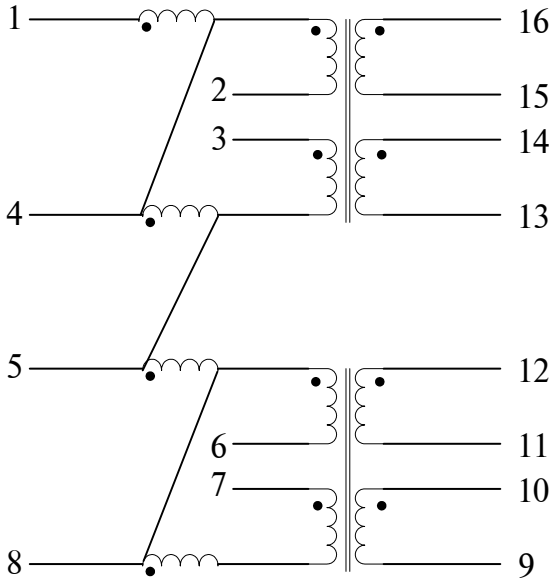
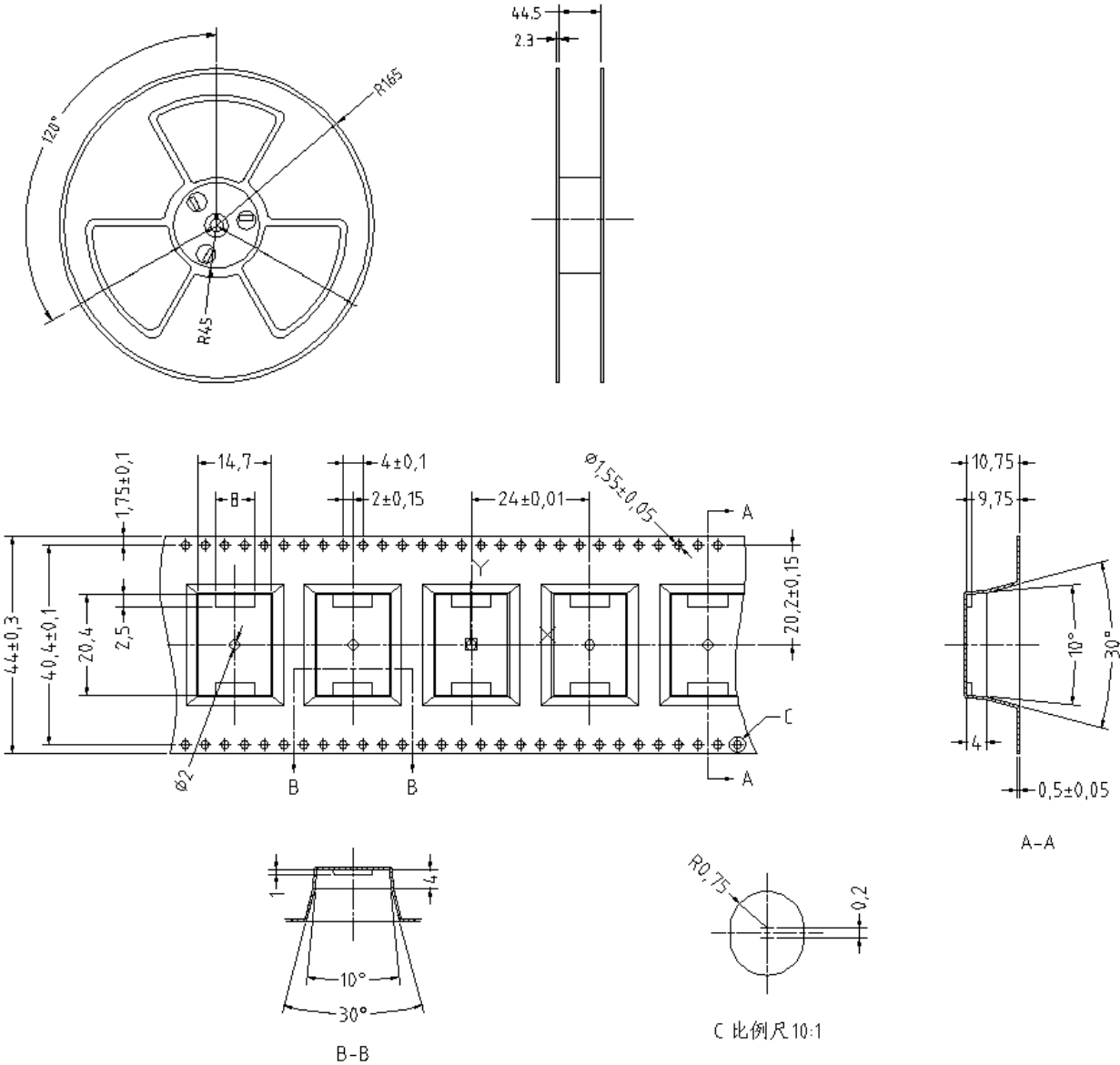


Figure-2 Schematic drawing of CL1120

6 Test Equipment

- 6.1 HP4284A LCR Meter.
- 6.2 8010M Digital Multi-meter.
- 6.3 3302 Automatic Transformer Test System.
- 6.4 YD2673 HI-POT Test Meter.

7 Package



- 7.1 Products are packed in reel or tube.
- 7.2 Each reel contains 200 pieces; each tube contains 25 pieces.