

**LK Electronics**

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**PRODUCT SPECIFICATION**

Code:CL/036-2003-B

Customer Name \_\_\_\_\_

Customer's Part Number CL1127

Issued No. D(CL117)-G-01 Date 01-06-2014

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

## 1 Purpose

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

## 2 Application

This product should be used for ISDN.

## 3 Technical Specification

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

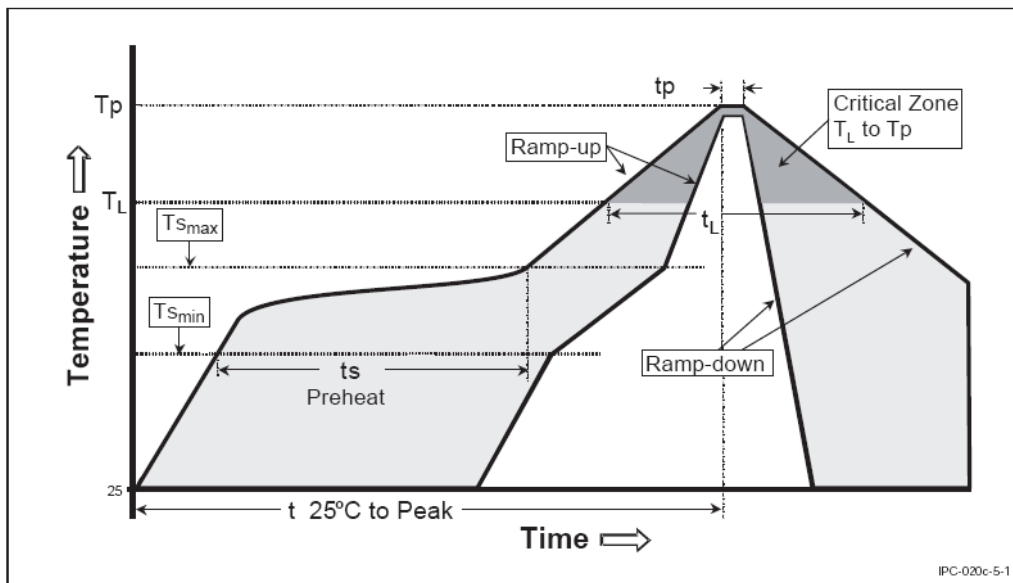
3.2 Technical Specifications (shown in Table-1)

Item	Condition	Spec.	PIN
HI-POT (Vrms)	1500VAC 2S 0.5mA		1-16 short1, 2, 3, 4, 13, 14, 15, 16& 5-12 short5, 6, 7, 8, 9, 10, 11, 12
OCL	10KHz 0.1V	25mH Min.	1-4(short 2, 3) & 5-8 (short 6, 7)
Turn Ratios		2:2:1:1 ±2%	16-15:14-13:1-2:3-4 & 12-11:10-9:5-6:7-8
DCR		3Ω Max	16-5& &14-13&12-11&10-9
		1.5Ω Max	1-2&3-4&5-6&7-8
LL	100KHz 0.1V	4uH Max.	1-4 short2, 3& 16, 15, 14, 13 5-8 short6, 7&9, 10, 11, 12
CW/W	100KHz 0.1V	100pF Max.	1-16 short1, 2, 3, 4, 13, 14, 15, 16& 5-12 short5, 6, 7, 8, 9, 10, 11, 12

Table-1 Technical Specifications of CL1127

3.33.2 Peak Soldering Temperature: 245°C °

Profile Feature	Pb-Free Assembly	Remark
Average Ramp-up Rate ( $T_{s_{max}}$ to $T_p$ )	3 °C/Second max	
Preheat – Temperature Min( $T_{s_{min}}$ ) – Temperature Max ( $T_{s_{max}}$ ) – Time( $t_{s_{min}}$ to $t_{s_{max}}$ )	150 °C 200 °C 60 – 180 Second	
Time maintained above : – Temperature ( $T_L$ ) – Time ( $t_L$ )	217 °C 60 – 150 Second	
Peak/Classification Temperature ( $T_p$ )	245+0 °C	
Time Within 5°C of actual Peak Temperature ( $T_p$ )	20 – 40 Second	
Ramp-Down Rate	6 °C/ Second max	
Time 25°C to Peak Temperature	8minutes max	



## 4 Mechanical

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

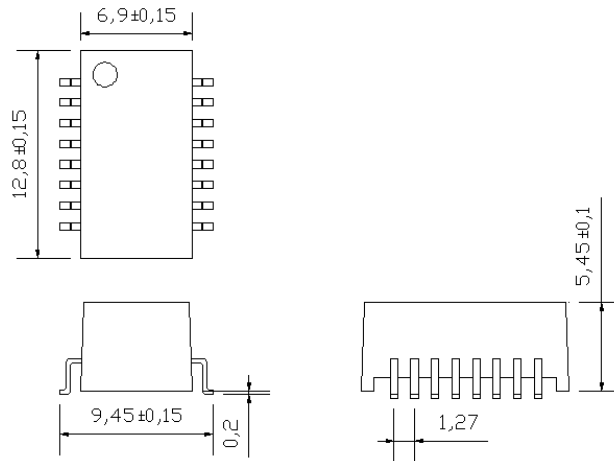


Figure-1 Dimensions of CL1127

## 5 Schematic

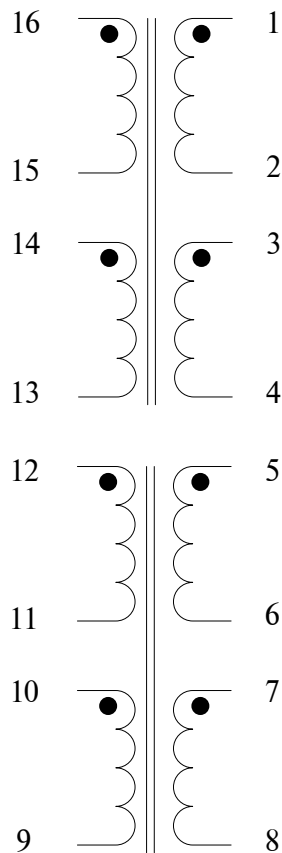


Figure-2 Schematic drawing of CL1127

## **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 Packing**

- 7.1 Products are packed in Reel or Tube
- 7.2 Each reel contains 450 pieces; Each Tube contains 39 pieces