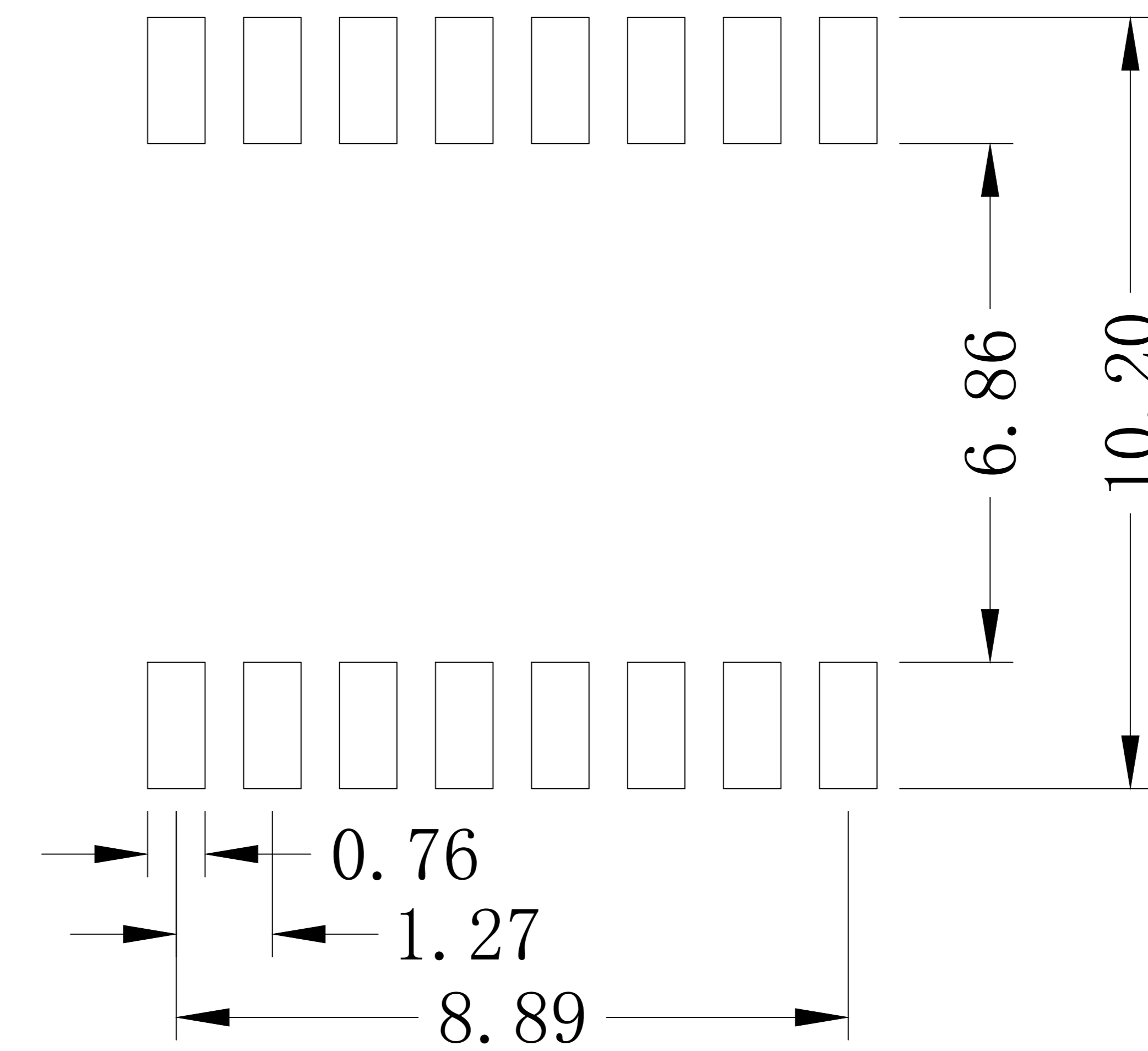
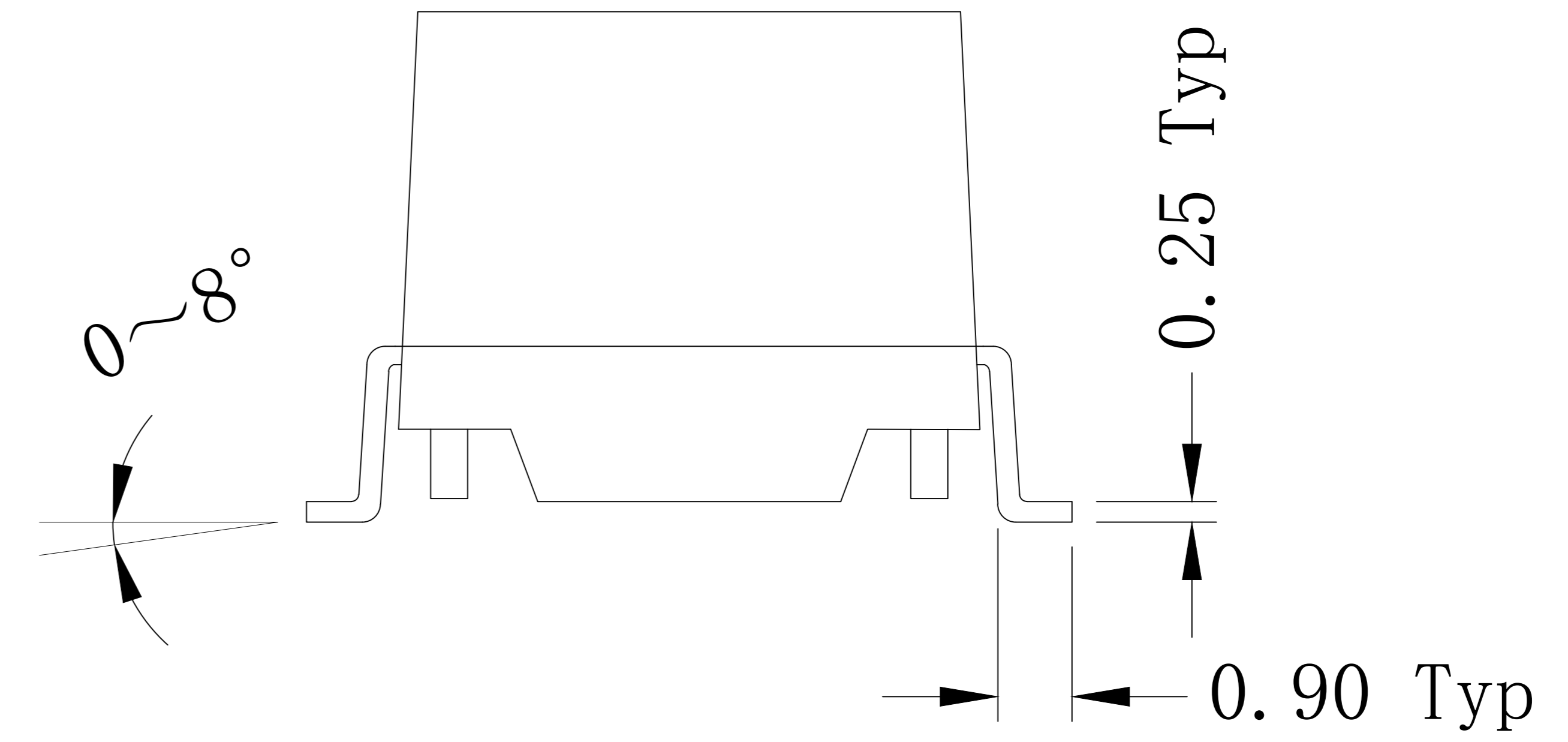
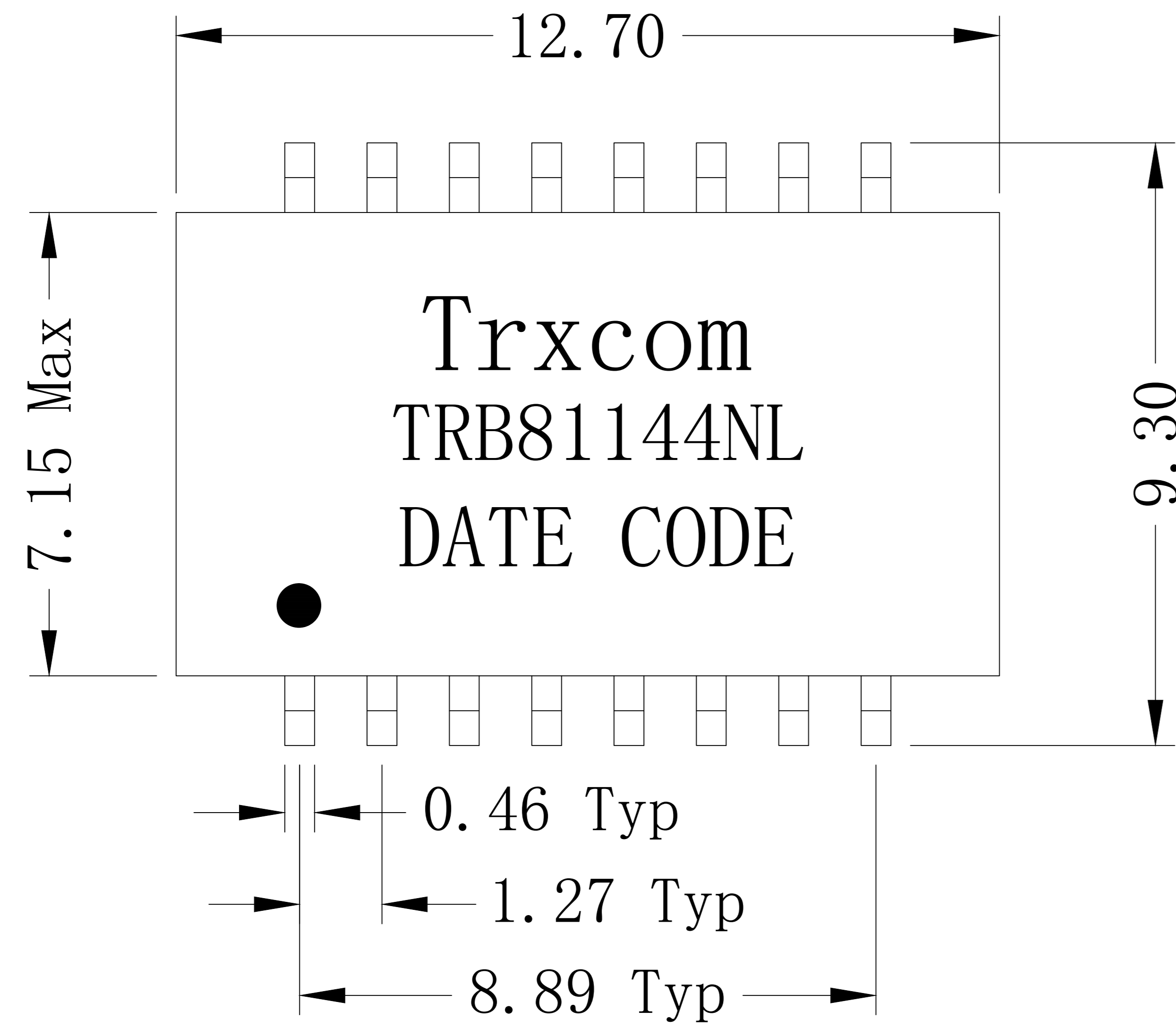
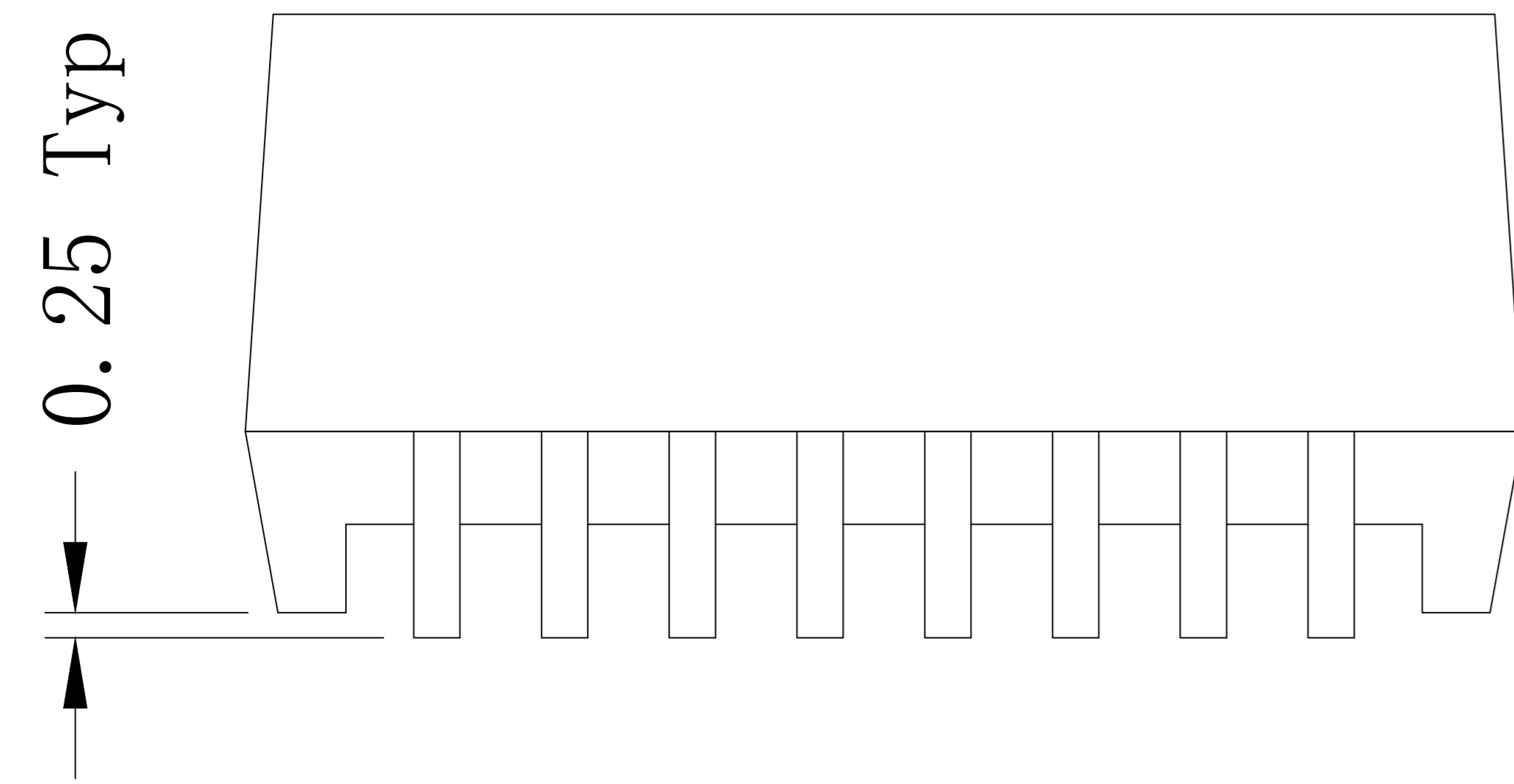


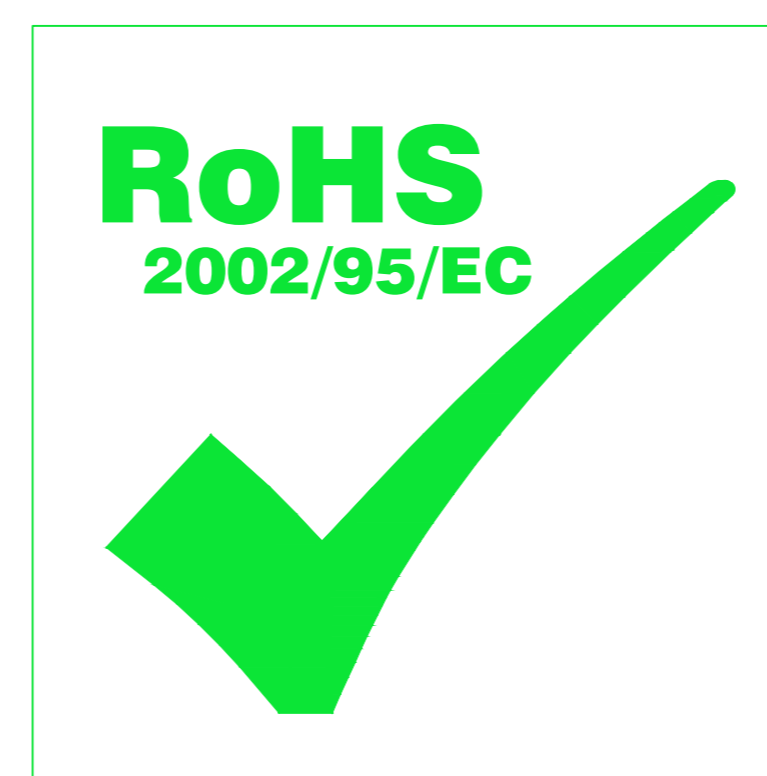
# Mechanical :



SUGGESTED PAD LAYOUT

## NOTES:

1. T1/CEPT/ISDN-PRI Dual SMT Transformers
2. With various turns ratios.
3. The part is RoHS compliant.
4. Maximun reflow temperature is 250°C, 5 Sec.
5. UL certification: file number E321120



REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010-01-19	

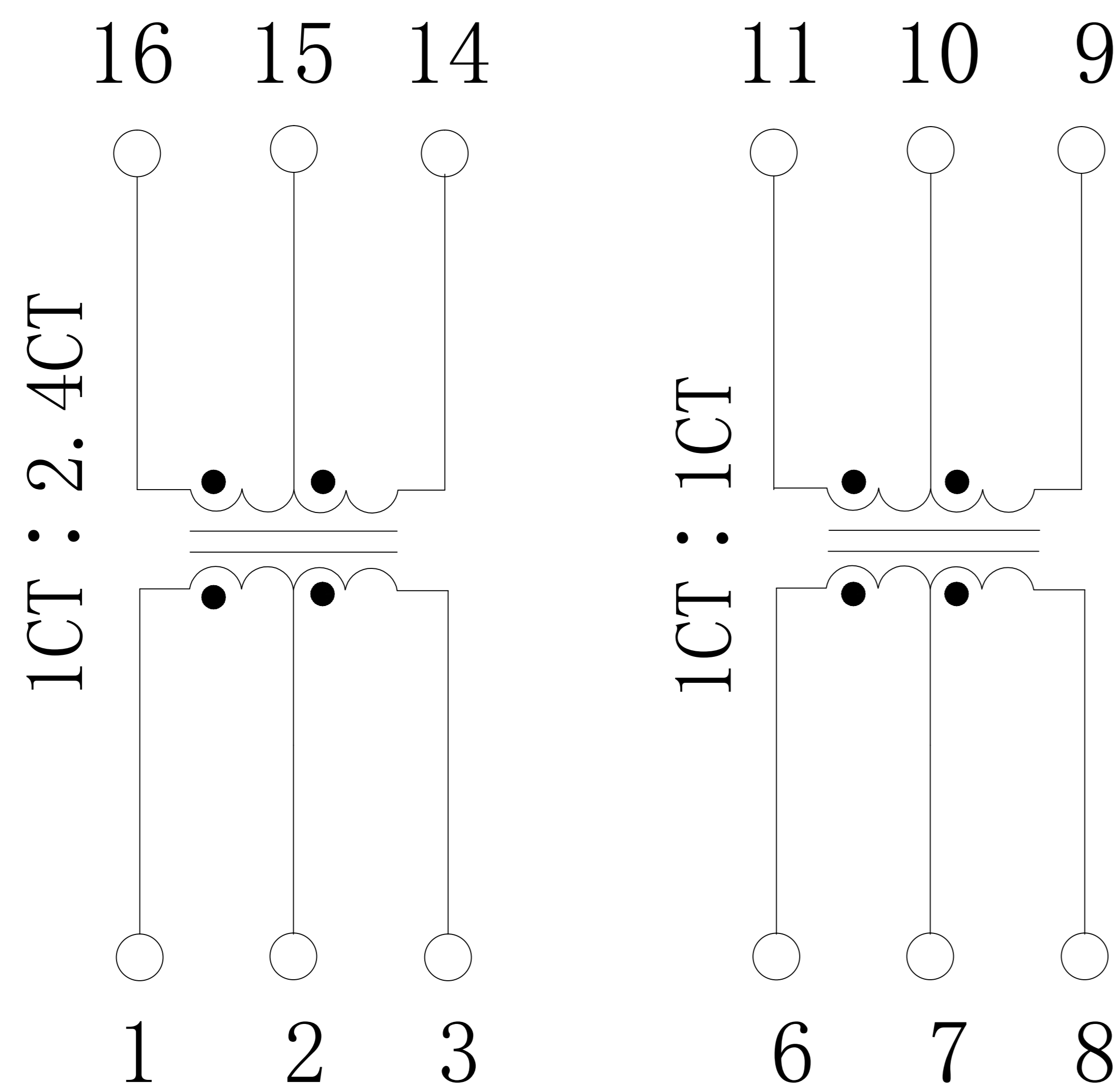
Dimensions: mm

Unless otherwise specified, all tolerances are  $\pm 0.25$

X:X	APPD:	<b>Trxcom</b>		
X:XX	$\pm 0.25$	CHKD:	Huizhou Trxcom Electronics Co., Ltd	
X:XXX		DR: SEA	TITLE: T1/CEPT/ISDN-PRI Transformer	
ANGLES	$\pm 1^\circ$	UNIT: mm	PART NO. : TRB81144NL	
	SCALE: 2/1	SHEET: 1/4	REV: A	DWG NO. : TRC10011910

# Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010-01-19	



## Electrical Specifications @25°C

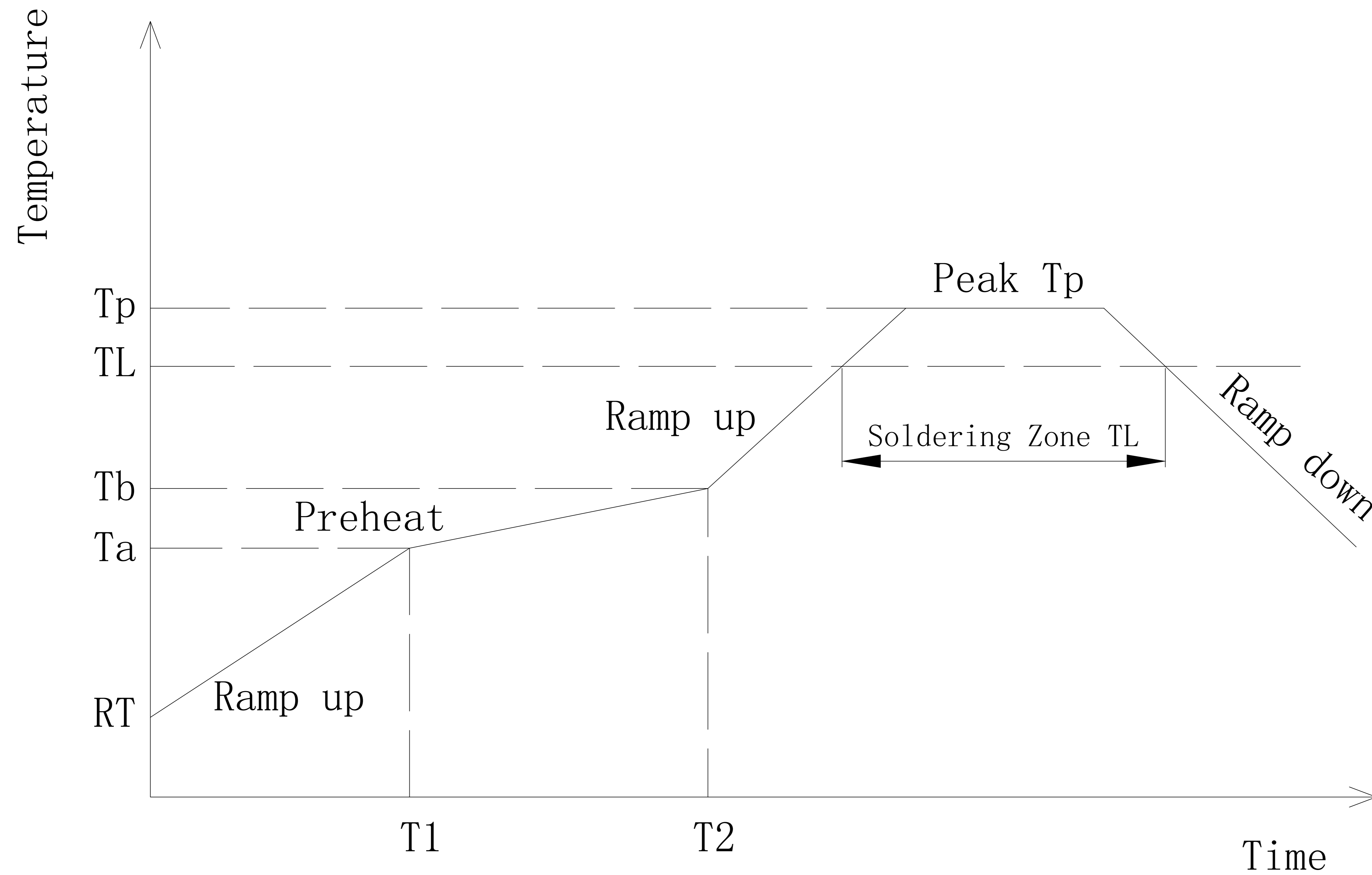
- Turns Ratio: (Pri : Sec  $\pm 5\%$ )  
1CT : 1CT & 1CT : 2.4CT
- Primary Pins:  
9-11, 1-3
- OCL:  
1.00mH Min & 1.00mH Min
- Cw/w:  
30pF Max & 30pF Max
- LL:  
0.80uH Max & 0.80uH Max
- DCR Pri:  
0.85 $\Omega$  Max & 0.85 $\Omega$  Max
- Operating Temperature:  $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$ .
- Rated power: 1VA max.**



X:X	APPD:	<b>Trxcom</b> Huizhou Trxcom Electronics Co.,Ltd
X:XX $\pm 0.25$	CHKD:	
X:XXX	DR: SEA	TITLE: T1/CEPT/ISDN-PRI Transformer
ANGLES $\pm 1^{\circ}$	UNIT: mm	PART NO. : TRB81144NL
	SCALE: 2/1	SHEET: 2/4
	REV: A	DWG NO. : TRC10011910

# IR Reflow:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010-01-19	



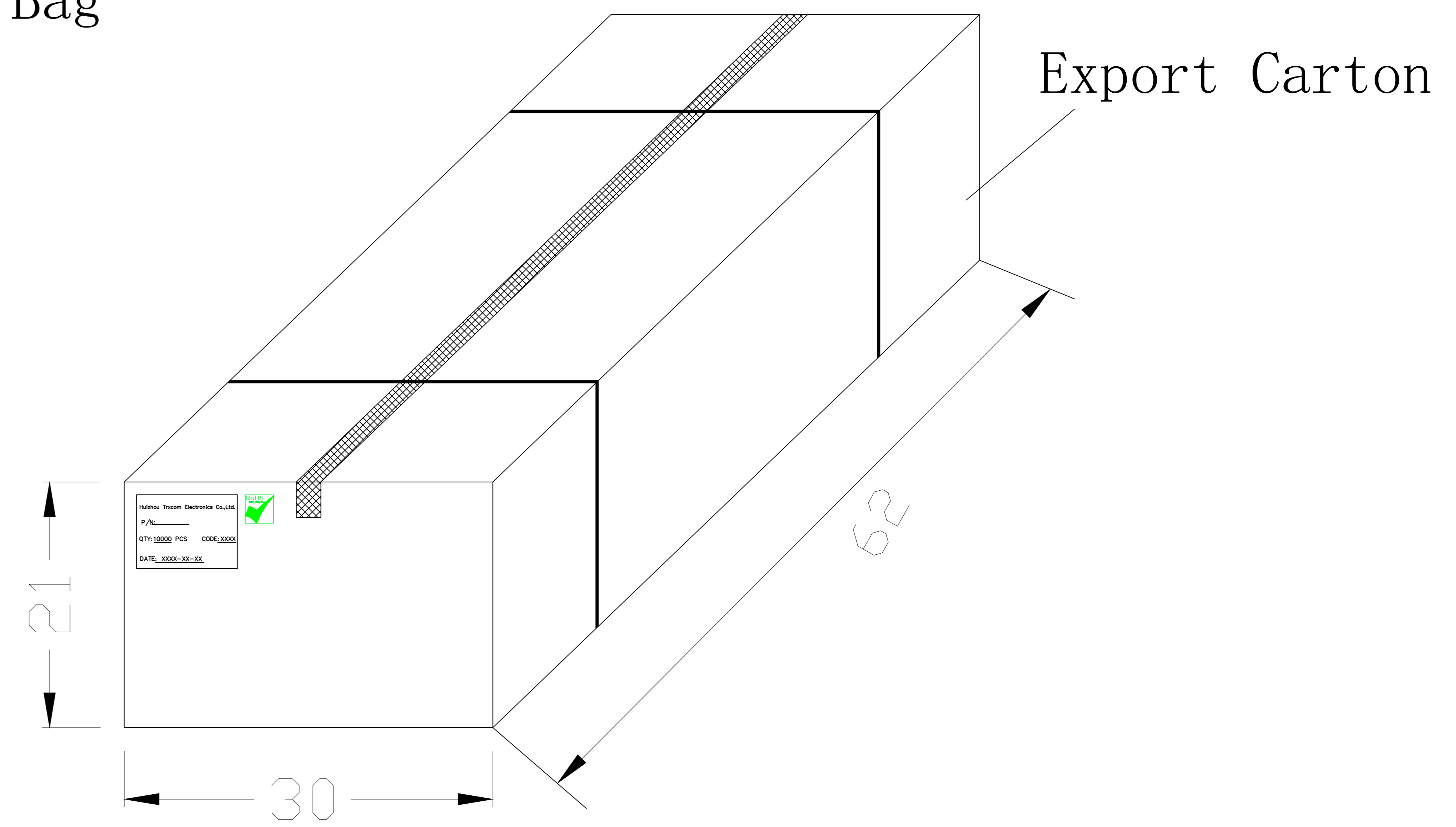
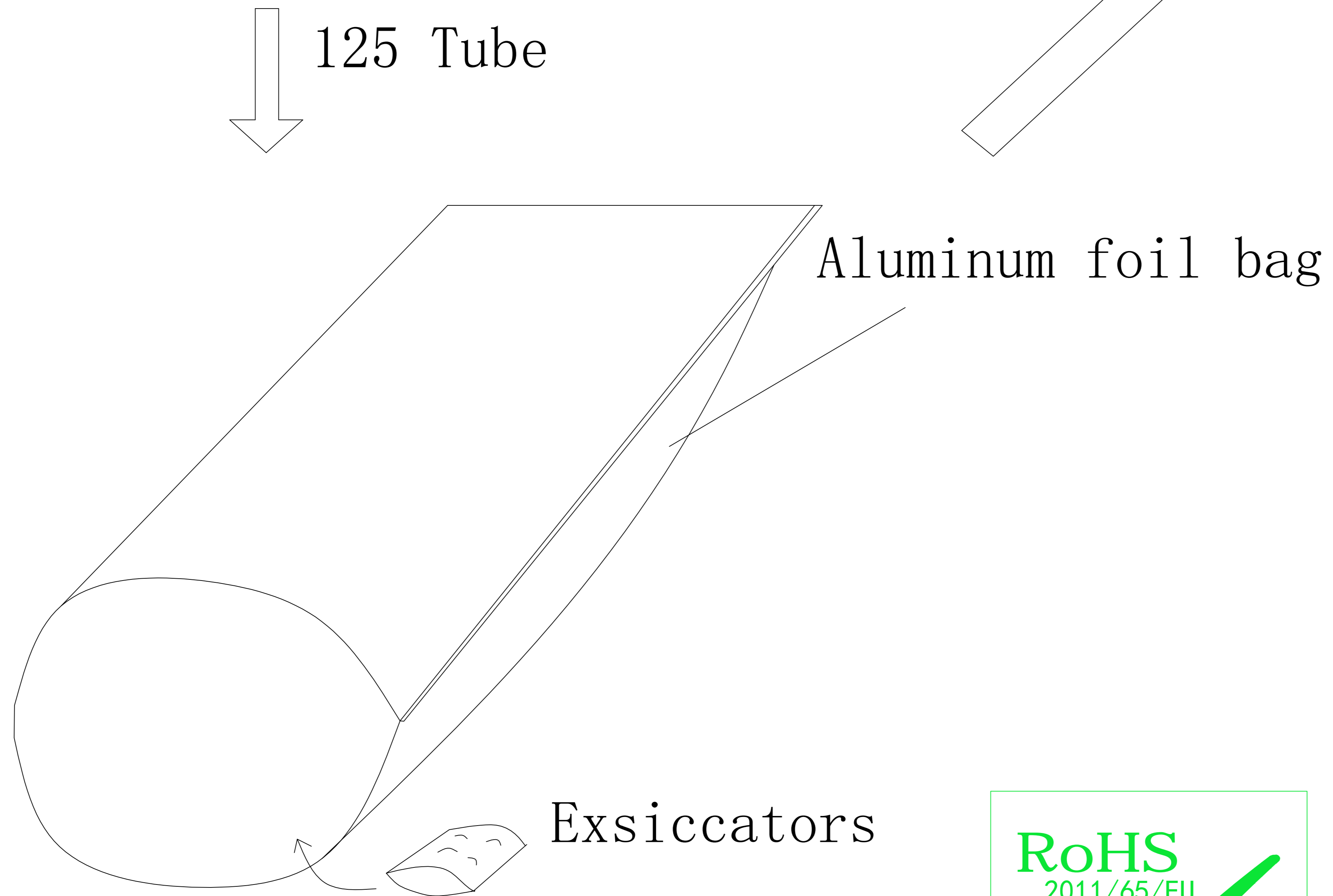
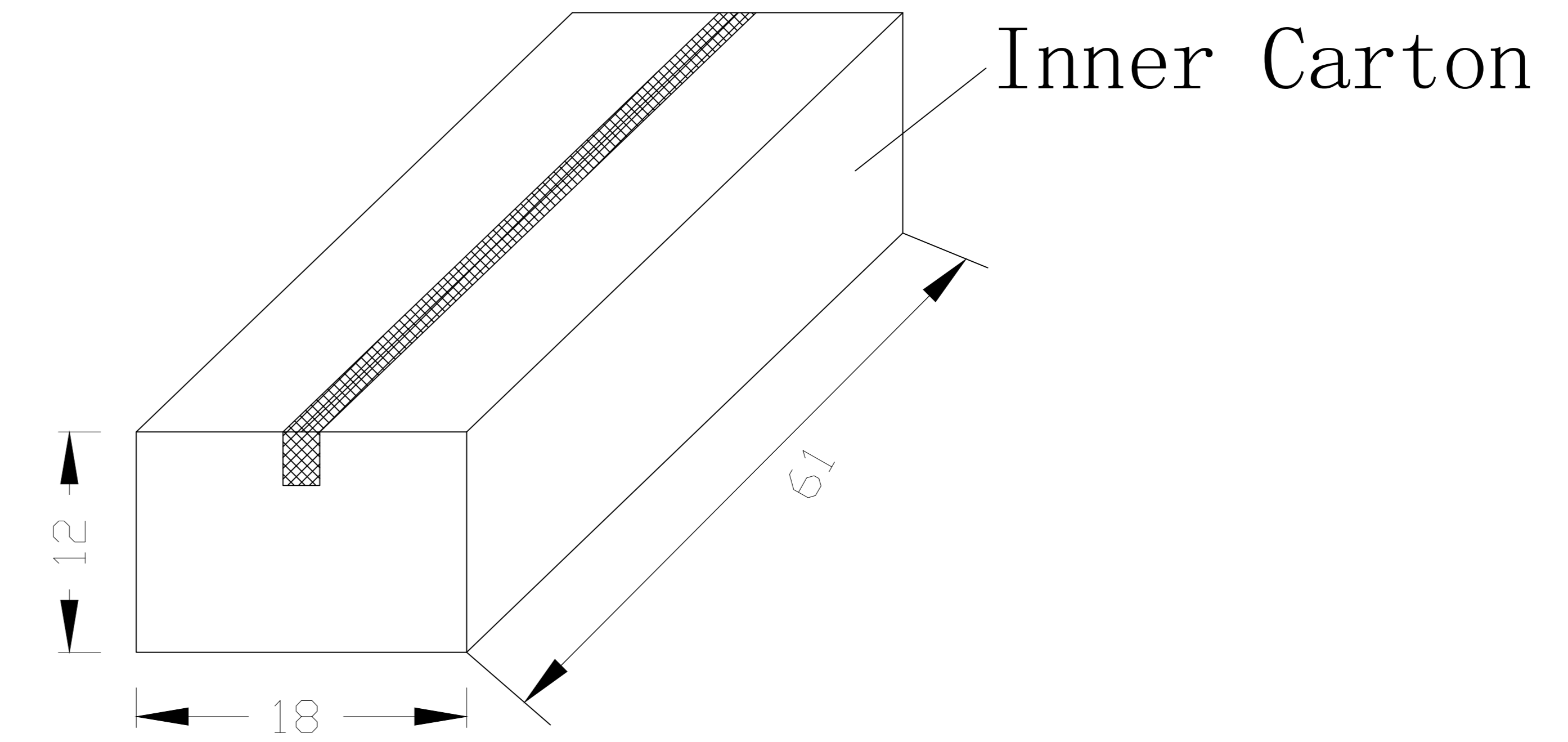
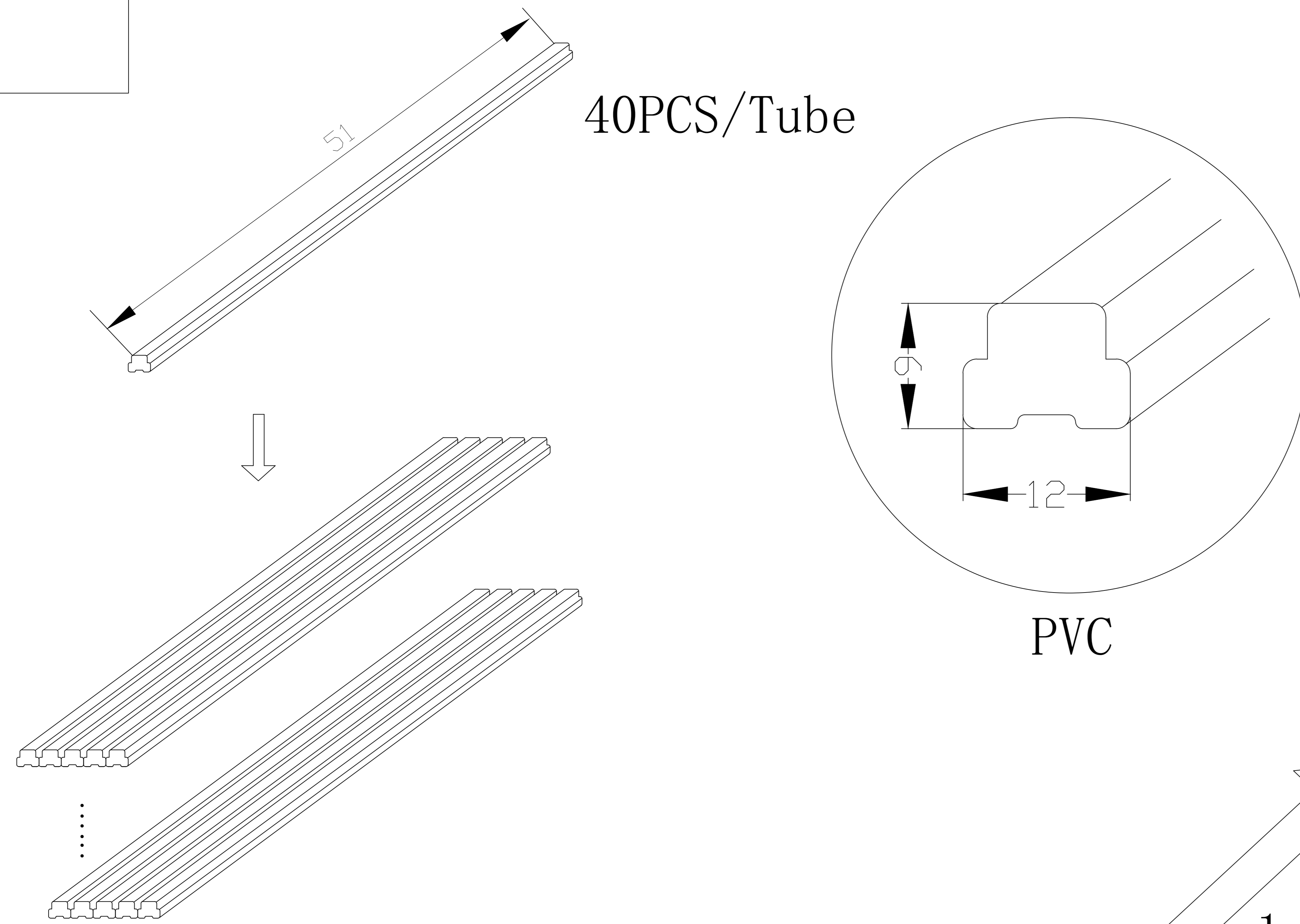
- ◆ Preheat:  
Temperature (Ta-Tb) : 150-200°C  
Time (t1-t2) : 60-180s
- ◆ Holding Temperature: 217°C  
Time (TL) : 60-150s
- ◆ Max Temperature (Tp) : 250 (+0/-5°C)  
Max Time (Tp) : 30s
- ◆ The average speed: 3°C/S Max  
The average cooling speed: 6°C/S Max
- ◆ From 25°C to Products out of the furnace: 6 minutes Max



X:X	APPD:	<b>Trxcom</b> Huizhou Trxcom Electronics Co., Ltd
X:XX ±0.25	CHKD:	
X:XXX	DR: SEA	
ANGLES ±1°	UNIT: mm	TITLE: T1/CEPT/ISDN-PRI Transformer
		PART NO.: TRB81144NL
	SCALE: 2/1	SHEET: 3/4
	REV: A	DWG NO.: TRC10011910

# Packing:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010-01-19	



- ◆ 1 Tube = 40PCS
- ◆ 1 Inner Carton = 125Tube = 5000PCS
- ◆ 1 Export Carton = 2 Inner Carton = 10000PCS
- ◆ Net Weight: 10kg
- ◆ Gross Weight: 17kg



X:X	APPD:	<b>Trxcom</b> Huizhou Trxcom Electronics Co.,Ltd
X:XX ±0.25	CHKD:	
X:XXX	DR: SEA	TITLE: T1/CEPT/ISDN-PRI Transformer
ANGLES ±1°	UNIT: mm	PART NO.: TRB81144NL
	SCALE: 2/1	SHEET: 4/4
	REV: A	DWG NO.: TRC10011910