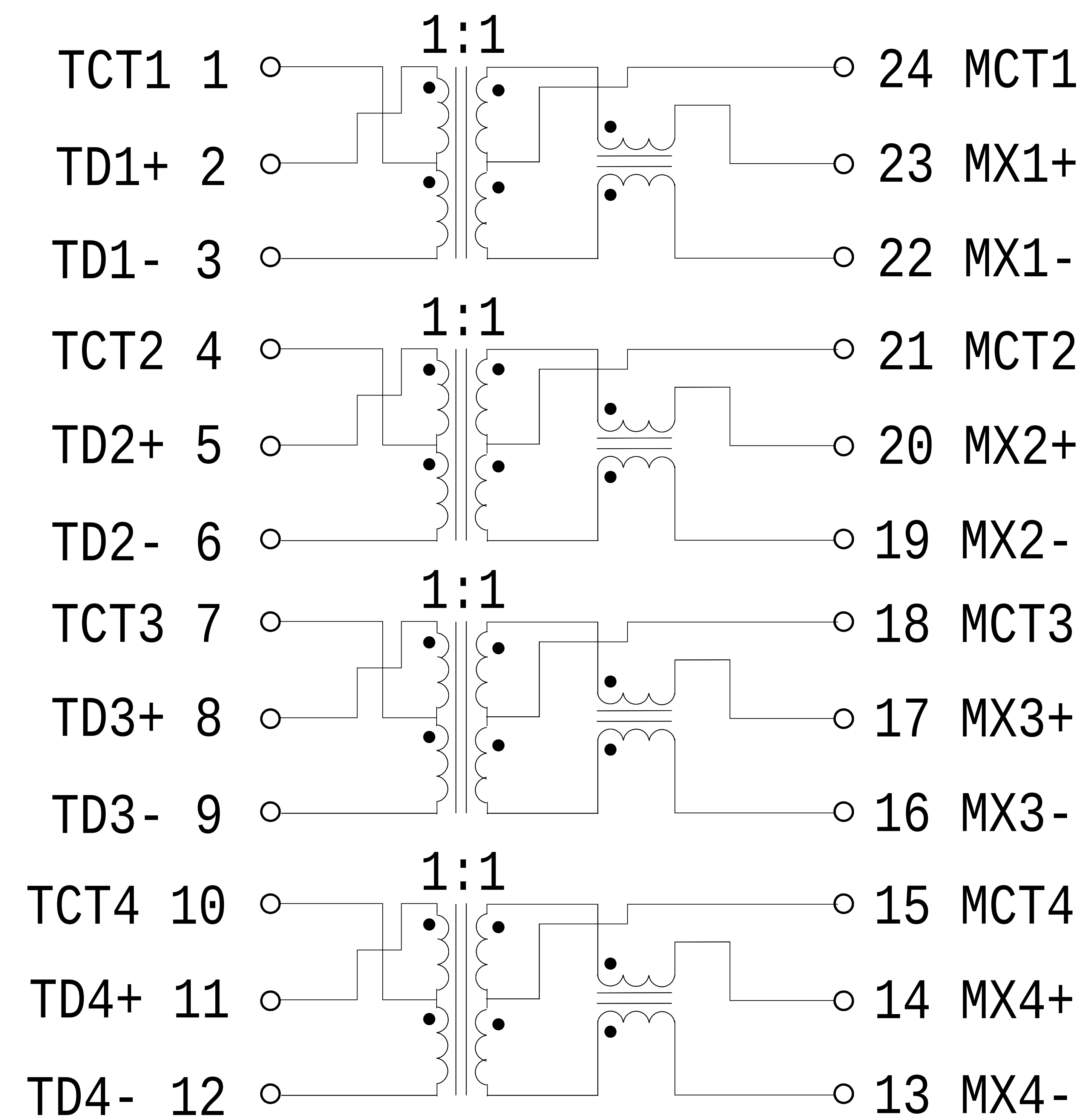


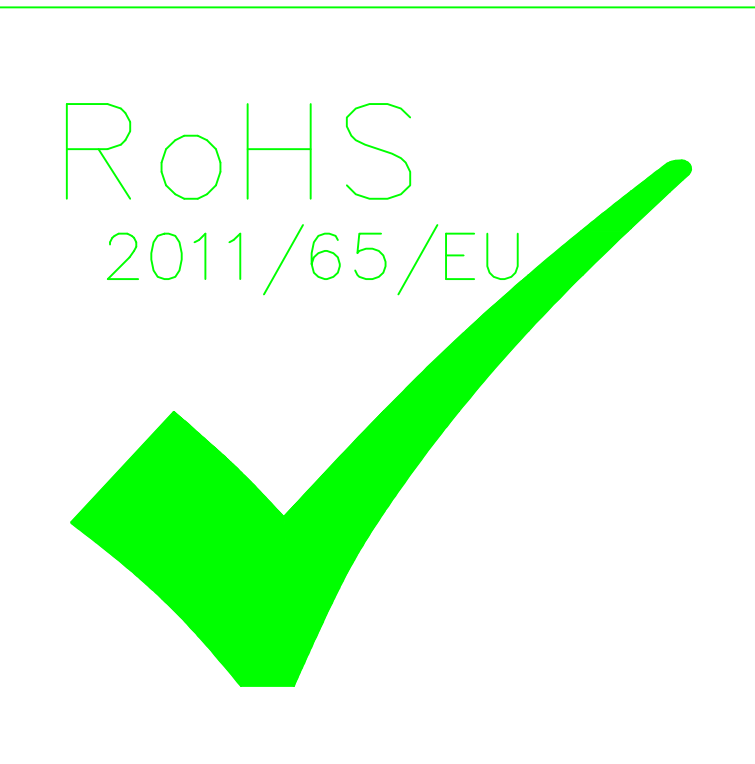
Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010/08/04	



Electrical Specifications @25°C

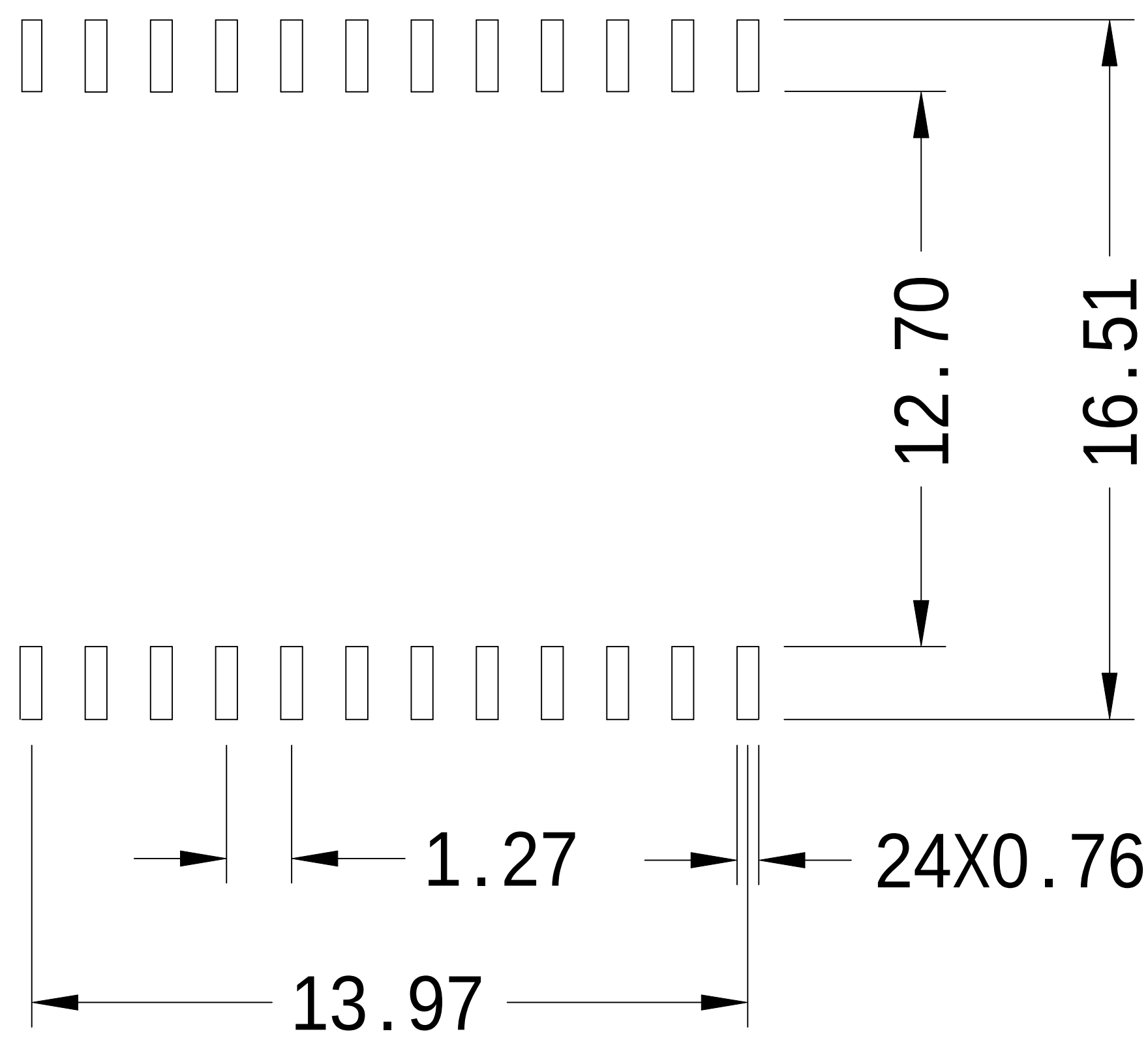
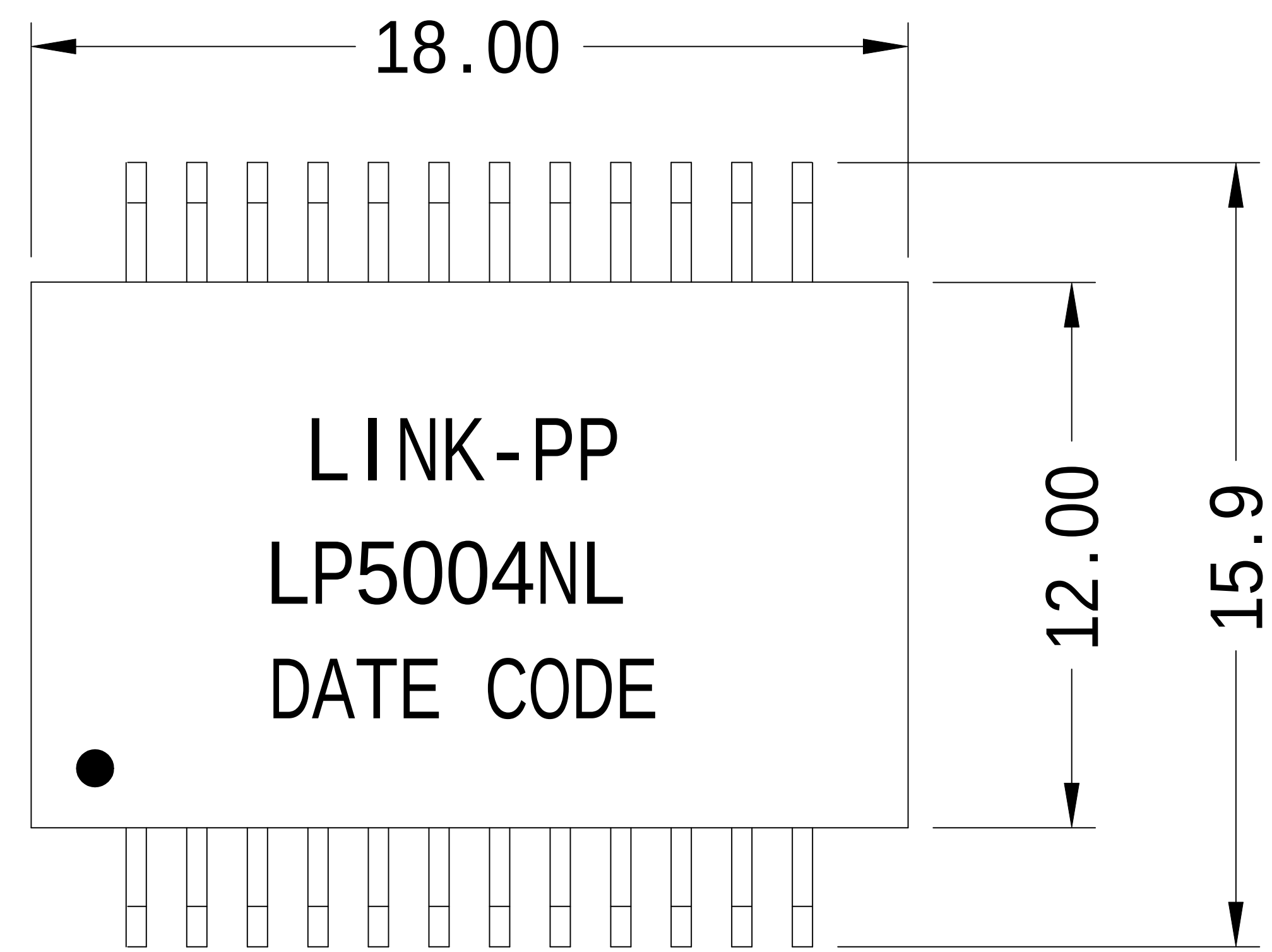
- 1.Insertion Loss:
1-100MHz:-1.0dB MAX
- 2.Return Loss(dB MIN @100Ω):
1-30MHz:-18 40MHz:-18
50MHz:-16 60-80MHz:-12
100MHz:-10
- 3.Crosstalk(dB MIN):
30MHz:-45 60MHz:-40
100MHz:-35
- 4.DCMR(dB MIN):
30MHz:-43 60MHz:-37
100MHz:-33
- 5.Hipot: 1500Vrms MIN
- 6.Operating Temperature: -40°C~+85°C



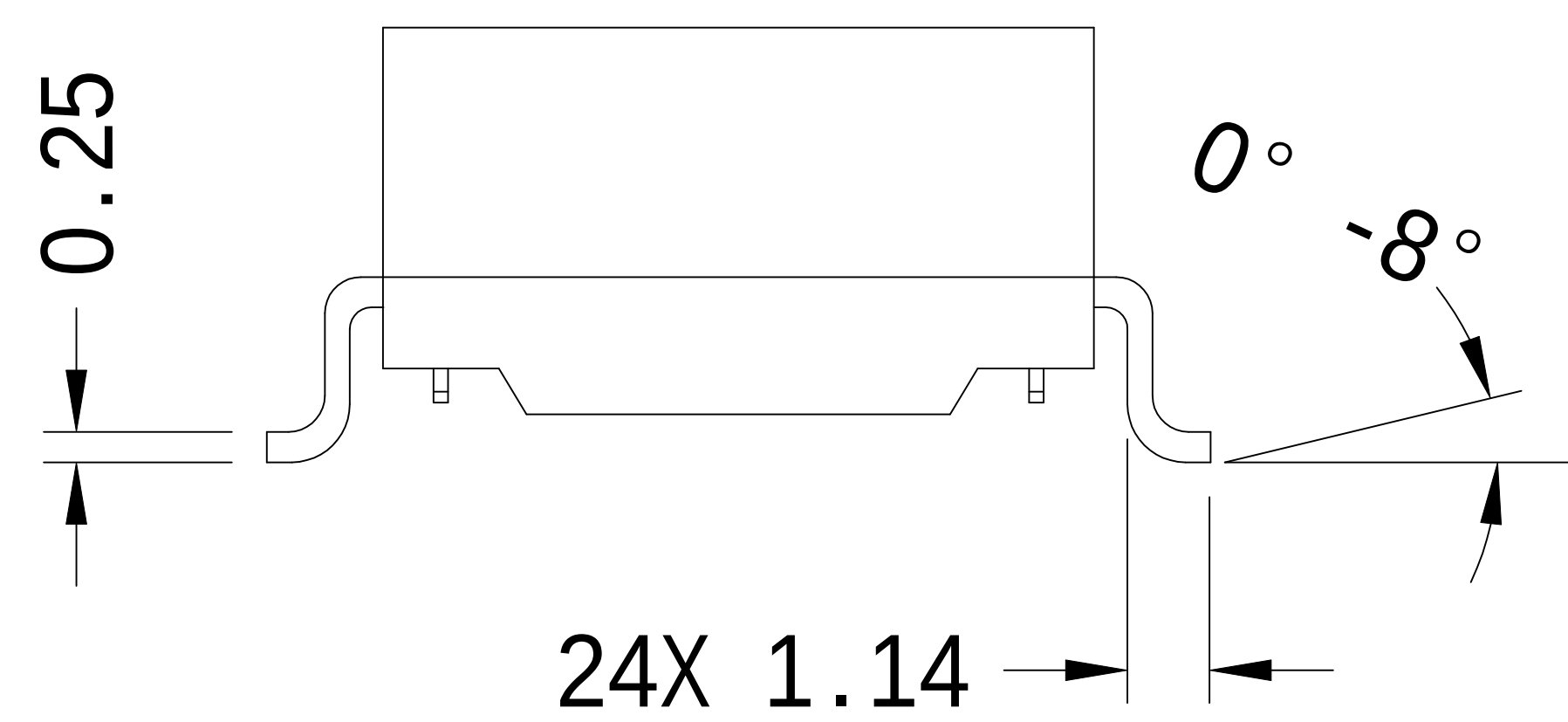
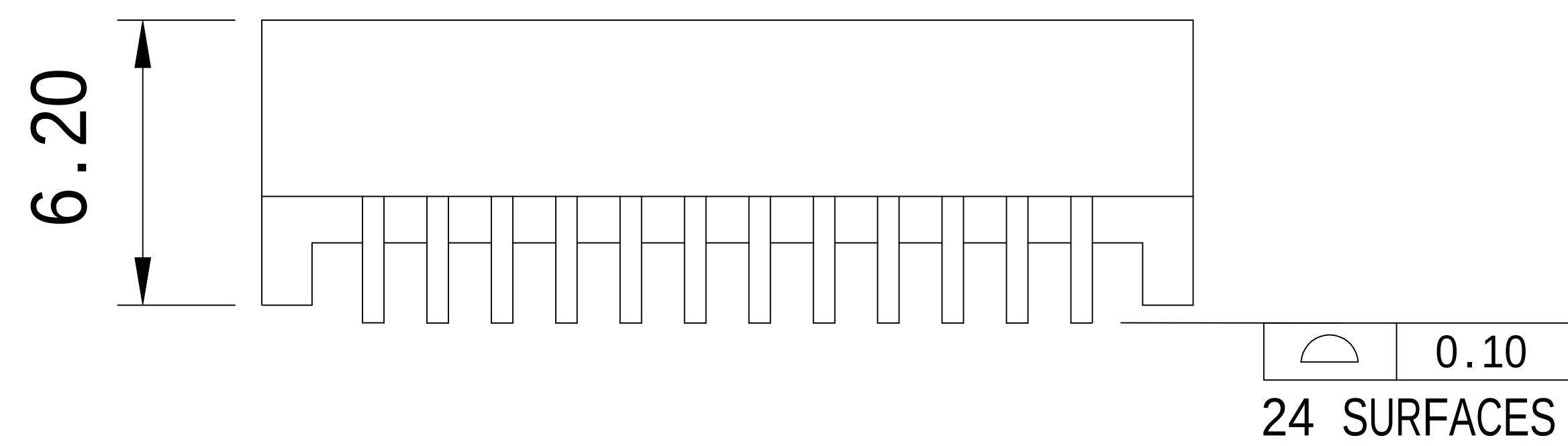
X:X	±0.30	APPD:	TOM	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.25	CHKD:	JAMES		
X:XXX	±0.05	DR:	LEO	TITLE: 1000Base-T Magnetic Modules	
ANGLES	±1°	UNIT:	mm	PART NO.: LP5004NL	
		SCALE:	2/1	SHEET:	1/2
		REV:	A	DWG NO.: LP10080417	

Mechanical:

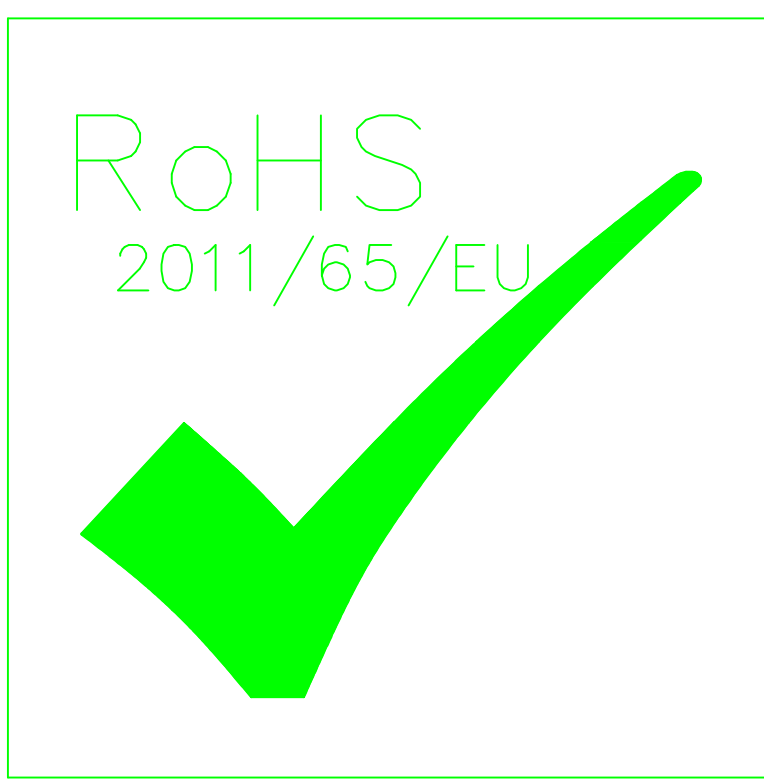
REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010/08/04	



SUGGESTED PAD LAYOUT



- NOTES:
- 1.Designed to support 1:1 Turns Ratio Transceivers
 - 2.Compliant with IEEE 802.3ab standard for 1000 Base-T.
 - 3.350uH min OCL with 8mA bias current.
 - 4.RoHS"NL" peak solder rating 260°C ±5°C
 - 5.UL Certification: File Number E484635.



X:X	±0.30	APPD:	TOM	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.25	CHKD:	JAMES		
X:XXX	±0.05	DR:	LEO	TITLE: 1000Base-T Magnetic Modules	
ANGLES	±1°	UNIT:	mm	PART NO.: LP5004NL	
		SCALE:	2/1	SHEET:	2/2
		REV:	A	DWG NO.: LP10080417	