

Schematic:	REV.	ECN NO.	DESCRIPTION	DATE	APPD
	A	REL		2007-11-08	

1CT:1CT
TRANSMIT

1

2

3

16

15

14

1CT:1CT
RECEIVE

6

7

8

11

10

9

Electrical Specifications @25℃

1.Turns Ratio:
TX:1CT:1CT RX:1CT:1CT

2.OCL: 350uH MIN @100KHz,0.1Vrms

3.Insertion Loss:
0.1-100MHz:-1.1 dB MAX

4.Return Loss(dB TYP):
30MHz:-20 60MHz:-14
80MHz:-11.5

5.Crosstalk(dB TYP):
30MHz:-45 60MHz:-40
100MHz:-35

6.DCMR(dB TYP):
30MHz:-42 50MHz:-37
100MHz:-33

7.Hipot:1500Vrms

8.Operating Temperature:-40℃~85℃.

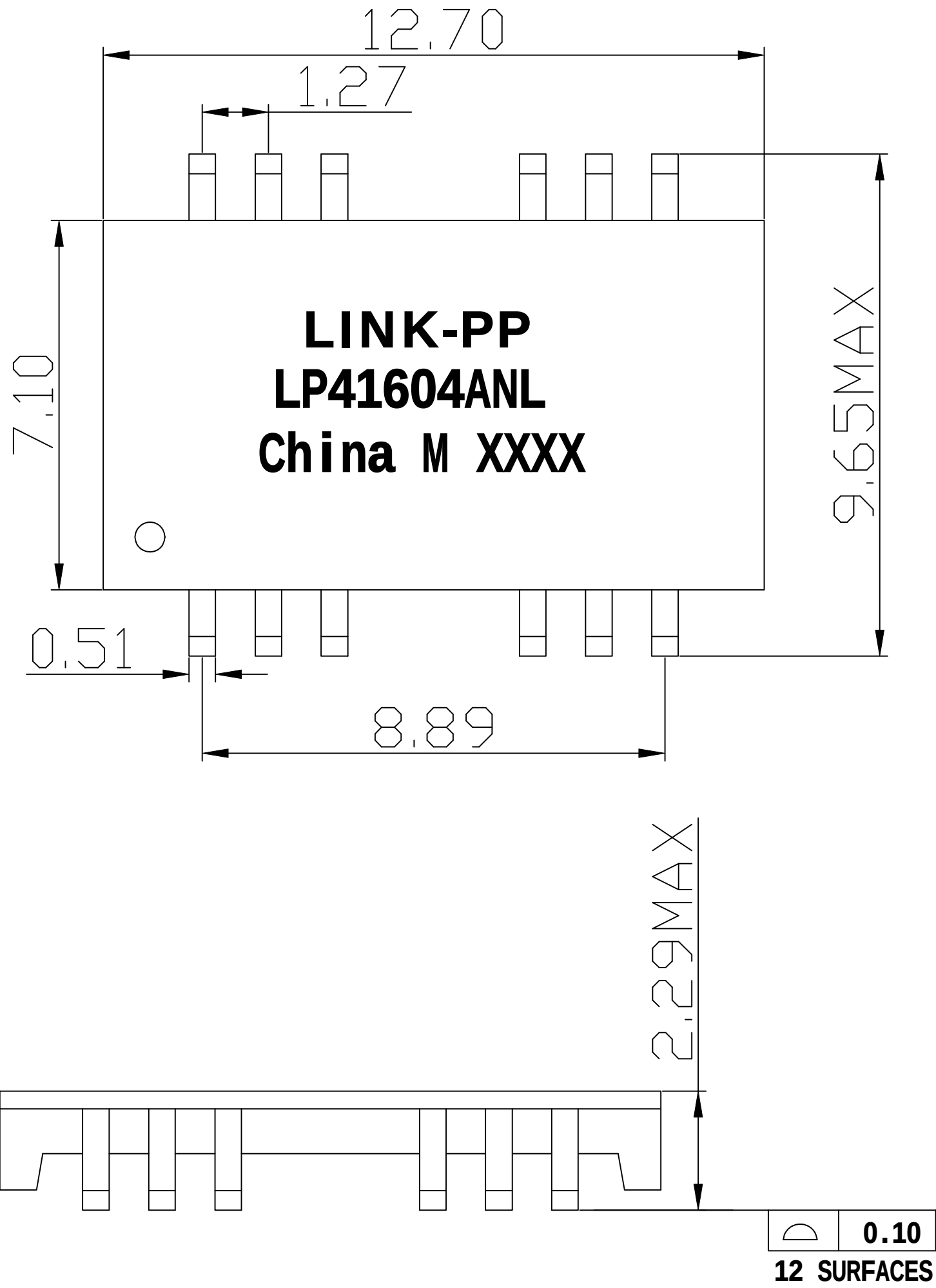
RoHS

2011/65/EU

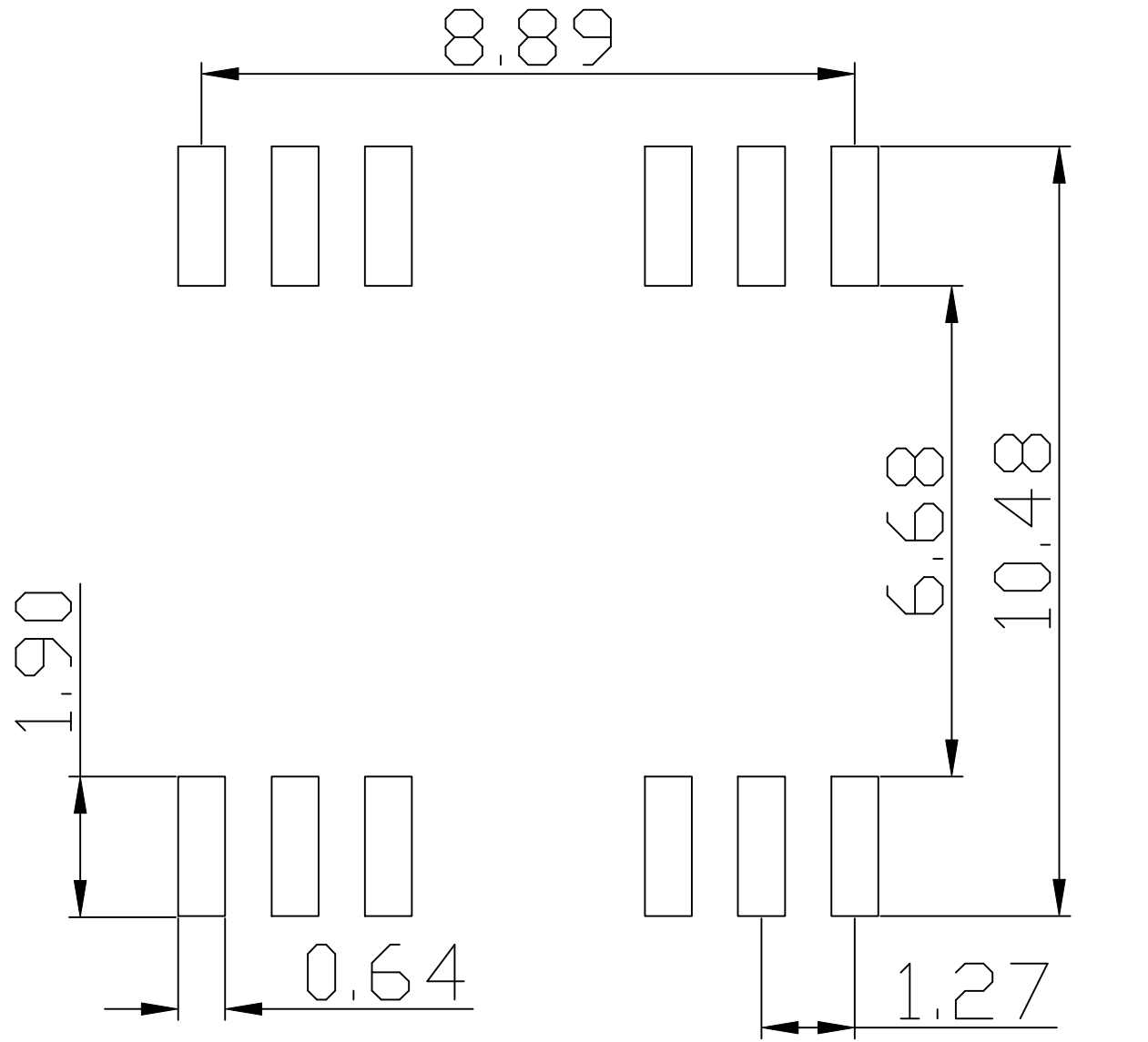
X.X	±0.30	APPD: TOM	LINK-PP INT'L TECHNOLOGY CO., LIMITED		
X.XX	±0.25	CHKD: JAMES	TITLE: 10/100 BASE-T TRANSFORMER MODULES		
X.XXX	±0.15	DR: JULY			
ANGLES	±1°	UNIT: mm	PART NO.:	LP41604ANL	
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO.: LP07110808	

LINK-PP Website: http://www.link-pp.com Email: info@link-pp.com Tel: +86-0752-3322916 Fax: +86-0752-3161926

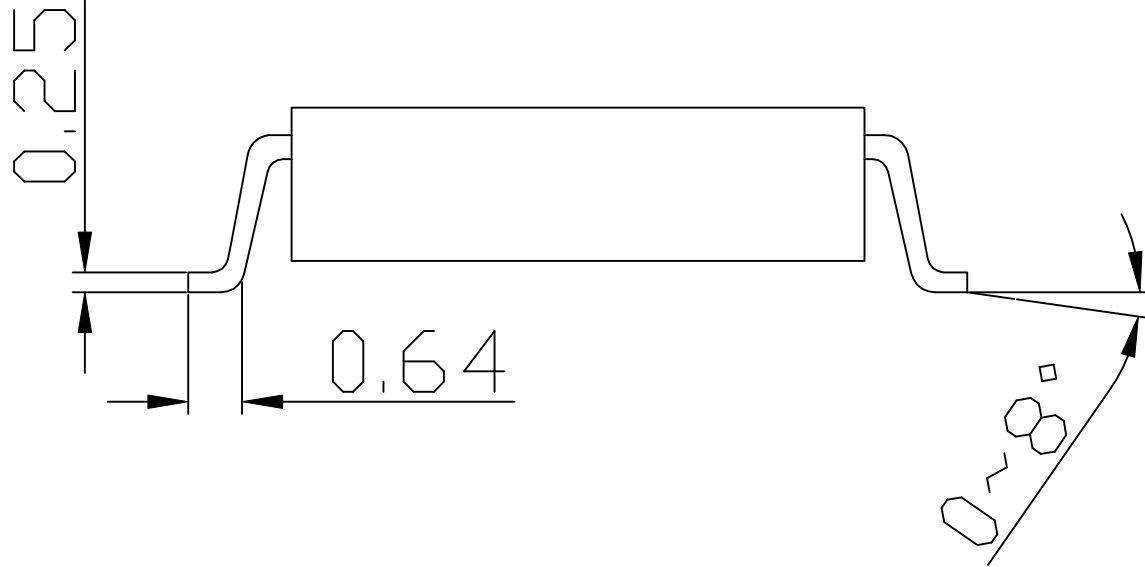
Mechanical:



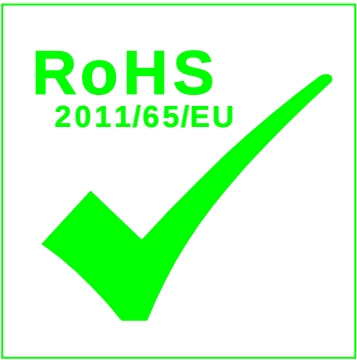
REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2007-11-08	



RECOMMENDED PCB LAYOUT(TOP VIEW)



- NOTES:
- 1.Designed to support application,such as SOHO(ADSL modems),LAN-on-Motherboard(LOM),hub and Switches.
 - 2.Meets IEEE 802.3 specification.
 - 3.Maximun reflow temperature is 250℃,5 Sec.
 - 4.UL certification: file number E484653.



X.X	±0.30	APPD: TOM	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X.XX	±0.25	CHKD: JAMES	TITLE: 10/100 BASE-T TRANSFORMER MODULES	
X.XXX	±0.15	DR: JULY		
ANGLES	±1°	UNIT: mm	PART NO.:	LP41604ANL
		SCALE: 2/1	SHEET: 2/2	REV: A
			DWG NO.:	LP07110808