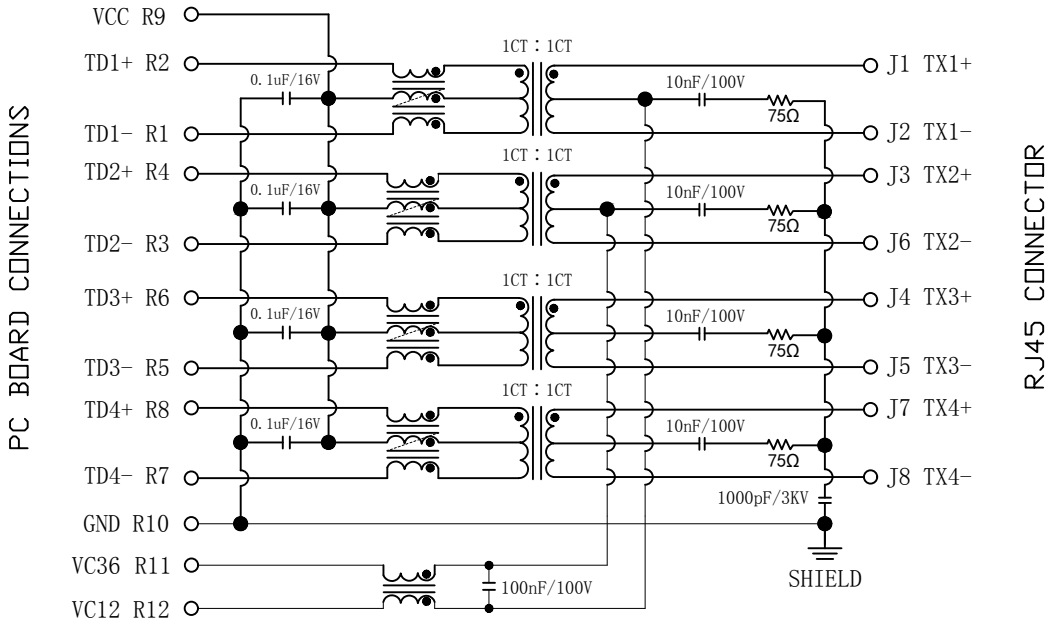
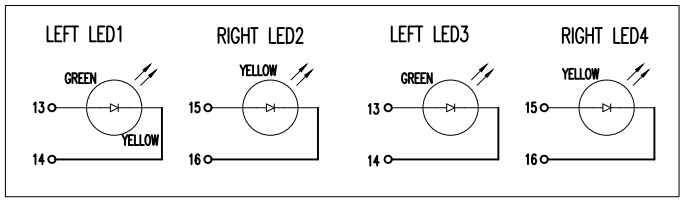
Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2016/09/21	





LED Specification

Standard LED Color	LED Wavelength	Forward (V MAX)	Typical (V TYP)	Luminous Intensity
GREEN	560-580 nm	2.5V	2.1-2.2V	9-25 MCD
YELLOW	580-610 nm	2.5V	2.1-2.2V	9-30 MCD

1. LED intensity/wavelength measured with Photo Research PR-650 Colormeter
2. With a forward current of 20 mA,Absolute Maximum Ratings (Ta=25℃)

ELECTRICAL SPECFICATIONS @25℃

1. Turn Ratio : 1CT:1CT +/- 5%
2. OCL: 200uH Min @100KHz , 0.1V
3. Insertion Loss (dB Max):
   1-100MHz: -1.0 100-125MHz: -1.5
4. Return Loss(dB Min):
   1-30MHz: -16 30-100MHz: -12
   100-150MHz: -10
5. Cross Talk:
   1-125MHz: -25dB Min.
6. Common Mode Rejection(dB Min):
   1-125MHz: -30
7. Common Mode to Differentinal Mode Rejection(dB Min):
   1-100MHz: -30 100-125MHz:-25.
8. Balanced DC Line Current:
   720mA Max @57 VDC Continuous
   1.2A Max @57 VDC For 200 Milliseconds
9. Isolation Hi-Pot: 2250VDC Min@ 60S
10. Operating Temperature Range: -40℃～+85℃.

RoHS 2011/65/EU

X:X	±0.30	APPD:	TOM
X:XX	±0.25	CHKD:	JAMES
X:XXX	±0.05	DR:	LEO
ANGLES	±1°	UNIT:	mm

LINK-PP INT'L TECHNOLOGY CO.,LIMITED

TITLE: RJ45 .Transformer.2.5G Base-T. 2×6 Port For PoE+ Application

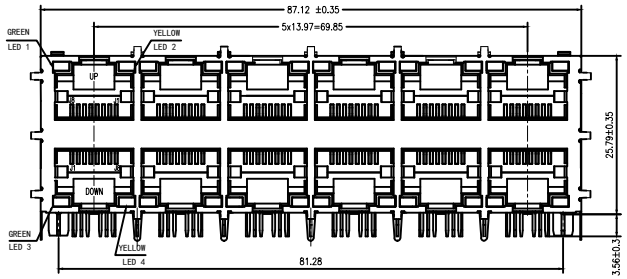
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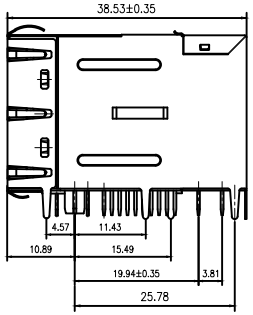
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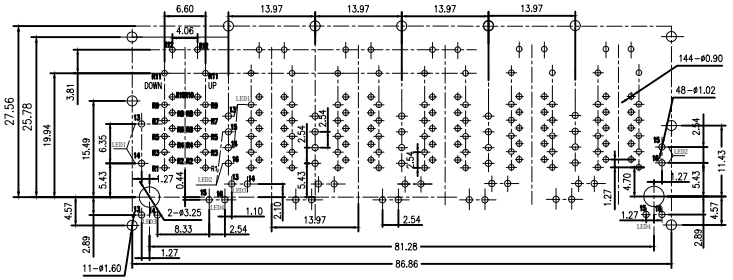
LINK-PP Website: http://www.link-pp.com Email: info@link-pp.com Tel: +86-0752-3322916 Fax: +86-0752-3161926

Mechanical:

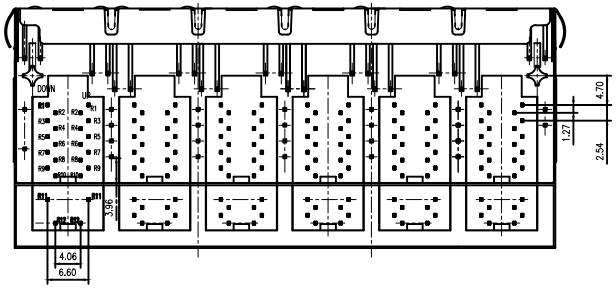
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A	REL		2016/09/21	

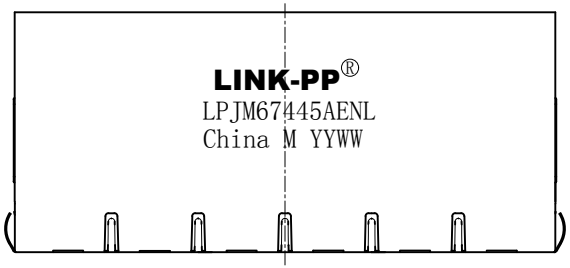






PCB BOARD LAYOUT(TOP VIEW)





NOTES:

1. Designed to support application, such as SOHO(ADSL modems), LAN-on-Motherboard(LOM), hub and Switches.
2. Meets IEEE 802.3at specification
3. Connector Materials:
   Housing:Thermoplastic UL94V-0
   Contact/Shield: Copper alloy
   Shield plating: Nickel
   Contact plating: Gold 6 micro-inches min. In contact area.
4. Wave solder tip temperature: 265℃ Max, 5 Sec.
5. UL Certification: File Number E484635.

RoHS 2011/65/EU

X:X	±0.30	APPD:	TOM	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.25	CHKD:	JAMES	TITLE:	RJ45 . Transformer. 2.5G Base-T. 2×6 Port For PoE+ Application
X:XXX	±0.05	DR:	LEO	PART NO.:	LPJM67445AENL
ANGLES	±1°	UNIT:	mm		
		SCALE:	2/1	SHEET: 2/2	REV: A DWG NO.: LP16092113

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