

连普国际科技有限公司
LINK-PP INT'L TECHNOLOGY Co., LIMITED

承 认 书
SPECIFICATION FOR APPROVAL

客 户:

CUSTOMER: _____

型 号:

PART

AM-029

规 格:

DESCRIPTION: _____

Vertical RJ45 Connector With 10/100 Magnetic

日期(**DATE**): 2020-03-24

版本(**REV**): A

(工程)ENGINEERING DEPT.	(品管)QC DEPT.	(核准)APPROVED BY
TOM	SUNNY	FRANK

(客户承认)CUSTOMER APPROVAL:

(制表)ISSUED BY	(审核)CHECKED BY	(核准)APPROVED BY
☐ (合格)APPROVED	☐ (特许)CONCESSIONARY	☐ (不合格)REJECTED
(备注)COMMENTS:		

ADD: Jia An Industrial Park,Chenjiang Rd,Zhongkai High-tech Zone,Chenjiang Town,Huizhou City,516003,China

WEBSITE:www.link-pp.com

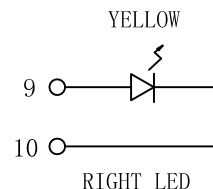
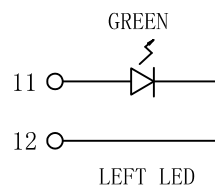
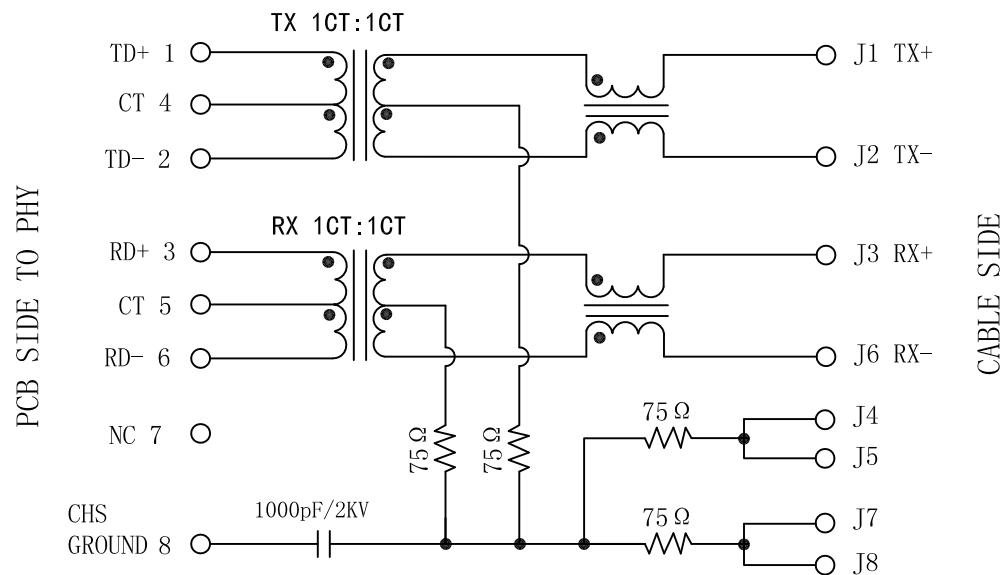
E-MAIL:happy@link-pp.com

电话(TEL):86-752-3161808/3322916/3322917

传真(FAX):86-752-3161926



Schematic:



REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010/06/02	

Electrical Specification:

TEST NOTES (25±5°C)

- TR: (@100KHz, 0.1V);
TX=1CT:1CT ±2% RX=1CT:1CT ±2%
- LX: (@100KHz, 100mV, 8mA, DC Bias)
PINS: (P1-P2), (P3-P6)=350uH MIN
- Transmitter filter & Receiver filter Type:
Balance low pass 100Ω impedance
- HIPOT:
Input (P1-P2) TO Output (J1-J2): 1500VAC 60sec
Input (P3-P6) TO Output (J3-J6): 1500VAC 60sec
- INSERTION LOSS:
-1.0dB MAX @ 1.0MHz TO 100MHz
- RETURN LOSS:
-18dB MIN @ 1.0MHz TO 30MHz
-16dB MIN @ 30MHz TO 60MHz
-12dB MIN @ 60MHz TO 80MHz
- CROSS TALK:
-30dB MIN @1.0MHz TO 100MHz
- COMMON MODE REJECTION:
-30dB MIN @1.0MHz TO 100MHz
- OPERATING TEMPERATURE: 0°C~70°C.

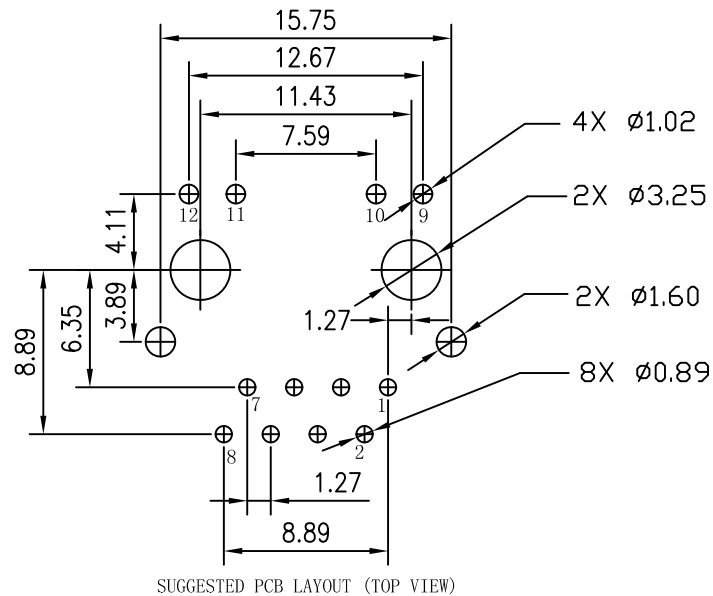
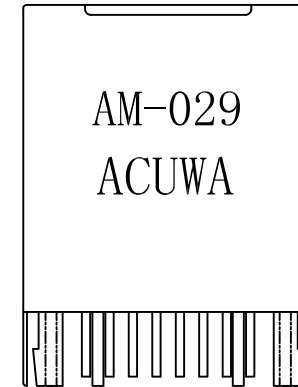
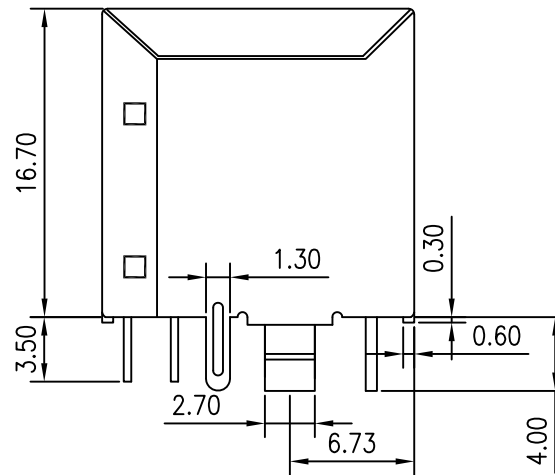
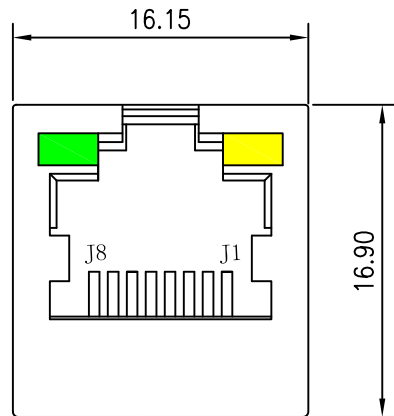


Emitting Color	λ_p (nm)	V _F @I _F =20mA	I _R @V _R =5V
GREEN	565	1.8~2.6V	10 μA max
YELLOW	585	1.8~2.6V	10 μA max

X:X	±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.25	CHKD:		
X:XXX	±0.05	DR: TOM	TITLE: Vertical RJ45 Connector With 10/100 Magnetic	
ANGLES	±1°	UNIT: mm	PART NO.: AM-029	
		SCALE: 2/1	SHEET: 1/2	REV: A
		DWG NO.: LP10060211		

Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010/06/02	



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. 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°C Max, 5 Sec.
5. UL Certification: File Number E484635.



X:X	±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.25	CHKD:		
X:XXX	±0.05	DR: TOM	TITLE: Vertical RJ45 Connector With 10/100 Magnetic	
ANGLES	±1°	UNIT: mm	PART NO.: AM-029	
		SCALE: 2/1	SHEET: 2/2	REV: A
		DWG NO.: LP10060211		

LINK-PP INT'L TECHNOLOGY Co., LIMITED.

SAMPLE TEST DATA

产品型号：AM-029		数量：5	PCS	日期：2020. 03. 24			
项目		脚位	1	2	3	4	5
Insertion Loss test by HP8712ET	-1. 0dB MAX 1-100MHz	1-2	-0. 35	-0. 39	-0. 37	-0. 37	-0. 34
		3-6	-0. 38	-0. 38	-0. 36	-0. 35	-0. 32
Return Loss test by HP8712ET	-18dB MIN 1-30MHz	1-2	-28. 6	-27. 9	-28. 2	-27. 1	-28. 4
		3-6	-27. 9	-27. 5	-28. 0	-27. 6	-27. 9
	-16dB MIN 30-60MHz	1-2	-18. 9	-18. 2	-17. 7	-18. 2	-18. 5
		3-6	-18. 4	-18. 4	-17. 8	-18. 0	-18. 1
	-12dB MIN 60-80MHz	1-2	-16. 1	-16. 1	-16. 3	-16. 5	-16. 1
		3-6	-16. 5	-15. 9	-16. 1	-16. 3	-16. 2
Crosstalk test by HP8712ET	-30dB MIN 1-100MHz	1-2/J1-J2	-38. 6	-37. 8	-38. 6	-38. 8	-38. 5
		3-6/J3-J6	-38. 2	-37. 9	-38. 4	-39. 0	-38. 4
CMR test by HP8712ET	-30dB MIN 1-100MHz	1-2	-35. 6	36. 0	-34. 9	-35. 2	-35. 1
		3-6	-35. 2	-36. 3	- . 34. 8	-35. 1	-35. 5
测试：James		审核：Tom			核准：Frank		

LINK-PP INT'L TECHNOLOGY Co., LIMITED.

SAMPLE TEST DATA

产品型号: AM-029		数量: 5 PCS		日期: 2020.03.24			
项目		脚位	1	2	3	4	5
电气特性	OCL (100KHz 0.1V 8mA) test by TH2819	P1-P2 350uH MIN	516	516	510	532	519
		P3-P6 350uH MIN	510	528	509	534	513
	TR (100KHz 0.1V) test by TH2819	(1-2):(J1-J2)=1CT:1CT $\pm 2\%$	OK	OK	OK	OK	OK
		(3-6):(J3-J6)=1CT:1CT $\pm 2\%$	OK	OK	OK	OK	OK
	HIPOT (1500VAC MIN) test by CS2670A	(1-2) to (J1-J2)	OK	OK	OK	OK	OK
		(3-6) to (J3-J6)	OK	OK	OK	OK	OK
LED	左	GREEN 11+ 12-	OK	OK	OK	OK	OK
	右	YELLOW 9+ 10-	OK	OK	OK	OK	OK
尺寸 (mm)	长	16.90 ± 0.25	16.92	16.90	16.91	16.92	16.90
	宽	16.15 ± 0.25	16.16	16.15	16.14	16.15	16.16
	高	16.70 ± 0.25	16.68	16.69	16.70	16.67	16.68
	pin 间距	1.27 TYP	1.27	1.27	1.27	1.27	1.27
测试: James		审核: Tom			核准: Frank		

LP-WI-GC-003 REV:A0