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INGKE

网络连接器生产厂家
LEADING MANUFACTURER OF CONNECTORS

Advanced production equipment and first-class management, professional and technical personnel, excellence, casting product quality.



INGKE TECHNOLOGY CO., LIMITED

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INGKE TECHNOLOGY CO., LIMITED

本公司通过ISO9001:2008质量管理体系及ISO14001:2004环境管理体系论证





COMPANY SERVICES

Application:

ADSL broadband communications equipment, cable modems, network cards, fiber optic transceivers, hubs, switches, routers, embedded systems, VOIP and other network communications equipment, data communications equipment, access network equipment, optical transmission equipment, power line equipment, voice equipment and so on.

1. RJ45 Connector

10/100/1000/10G Base-T Integrated RJ45 Connector, Single Port/Ganged/Stacked RJ45 Connector, RJ45 Modular Jack without Magnetic

2. LAN Transformer

10/100/1000/10G Base-T LAN Transformer
Common Mode Choke

3. Telecom Product

T1/E1/CEPT/ISDN-PRI Transformer
T3/DS3/E3/STS-1 Transformer
ADSL/VDSL/xDSL Transformer
Audio/Modem Transformer
RF Transformer
ISDN Transformer

4. USB Connector

USB2.0/3.0/3.1 Connectors,
Micro/Mini USB Connectors

5. Other Connector

Transceiver Module
M5/M8/M12 Circular Connector



COMPANY PROFILE

1. Our Mission

Committed to become your best supplier through superior quality and service.

2. Our Business Philosophy

Exceeding customer expectations through world class quality, customer service excellence and engineering support; all at competitive prices, enabling us to become our customers' benchmark supplier.

3. Company Profile

Ingke Technology specializes in producing 10/100/1000/10G Base-T Integrated RJ45 Jacks, since its establishment, with technology as dependence and the market as direction, we have developed to be a competitive high-tech enterprise and a leading manufacturer of connectors. Partnered with the global leaders in these markets, we continue to develop new products to enable high-speed communication. Now we have passed the ISO14001 Environment Management System certification and our parts are all ROHS, CE, UL and SGS parts. Our products are widely used in telecommunications, data communications, consumer electronic, computer, industrial and medical markets, such as HUB, SWITCH, IP Phone, Set-Top Box, Smart Home, Embedded System, Networking Camera etc.

C 公司优势

Company strength

优势

1. 生产RJ45连接器有超过20年的专业经验。
2. 在中国中部省份有生产基地更具价格竞争优势。
3. 超过1000名员工，更快的交期。
4. 提供免费样品。
5. 欢迎OEM和ODM服务。
6. 提供5年售后服务。
7. 可以提供3D图纸 (.step文件) 用于设计。

Advantage

1. More than 20 years professional experiences in making RJ45 connectors.
2. Competitive price, as the production bases in the central province of China.
3. Faster delivery time, as there are more than 1000 workers.
4. Free sample is available.
5. OEM & ODM orders are welcomed.
6. We offer after-sale service for 5 years.
7. 3D datasheet(STEP file) can be provided for your design.



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注塑车间 / Injection workshop



组装车间 / Assembly Workshop

P 生产设备

RODUCTION EQUIPMENT >>

强大的研发能力与领先技术，铸就核心竞争力
 Strong R & D capabilities and leading-edge technology, created the core competence

生产流程

Production process

- 工程设计 Engineering design
- 车削 Turnery
- 二次加工 Secondary operation
- 模具 Mould
- 冲压 Punching
- 注塑 Injection moulding
- 装配 Assemblage
- 检测 Test



冲压车间 / Punching Workshop



LED自动化弯灯车间 / LED Automatic Bending Light Workshop



打插芯自动机 / Mortise playing automaton



自动化激光印字车间 / Automation Workshop

T 检测设备

ESTING EQUIPMENT



优质产品：是走向世界的桥梁，是市场竞争必胜的保证。
Quality products: a bridge to the world,
to win the market competition is guaranteed.



影像测绘仪
Image mapping instrument



二次元测试机
Two dimensional measuring machine



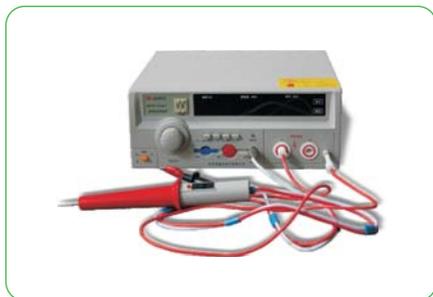
投影仪
Projector



网络分析仪
Network analyzer



绝缘电阻测试仪
Insulation resistance tester



耐电压测试仪
Withstand voltage tester

T 检测设备

ESTING EQUIPMENT



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Quality products: a bridge to the world,
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综合测试仪
Tester



高频测试仪
High-frequency test instrument



平整度测量仪
Roughness measuring instrument



膜厚测试机
Film thickness testing machine



盐雾试验仪
Salt spray tester



恒温烤箱
Oven temperature

THE FIRST PART

RJ45+TRANSFORMER SERIES



INGKE

BASIC PARAMETER

电气性能:

1. 额定电流:1.5AMPS
2. 额定电压:125VAC
3. 绝缘电阻:>500M Ω
4. 耐压强度:AC 1000V 50HZ或60HZ 1分钟
5. 接触电阻:<20M Ω

机械性能:

1. 插入力:2条金丝=350g /4条金丝=500g/ 6条金丝=750g/ 8条金丝=900g /10条金丝=1050g
2. 配合强度:插头和插座之间7.7Kg
3. 使用寿命:>750次插拔

材料:

1. 塑壳:ABS RESIN(UL94V-0) /PBT(UL94V-0) /PA46(UL94V-0)/ PA66(UL94V-0) /LCP(UL94V-0)
2. 镀金丝:直径0.45mm磷铜丝镀镍后镀金/0.35厚磷铜片镀镍后选镀金
3. 屏蔽壳:0.2-0.25mm厚的铜合金表面镀镍
4. 可选镀金层厚度:1u inch / 3u inch / 6u inch / 15u inch / 30u inch / 50u inch
5. 工作环境温度:-40 $^{\circ}$ C -85 $^{\circ}$ C

Electrical

- 1,Current Rating:1.5AMPS
- 2,Voltage Rating:125VAC
- 3,Insulation Resistance:500 M Ω mini
- 4,Withstand Voltage:AC 1000V RMS 50HZ or 60HZ 1min
- 5,Contact Resistance:<20 M Ω MAX

Mechanical

1. Insertion Force: 2 Contacts=350g / 4 Contacts=500g / 6 Contacts=750g / 8 Contacts=900g / 10 Contacts=1050g
2. Retention Strength:7.7kg Between Jack And Plug
3. Durability:>750 Mating Cycles Mini

Material

1. Housing: ABS RESIN(UL94V-0) / PBT(UL94V-0) / PA46(UL94V-0)/ PA66(UL94V-0) / LCP(UL94V-0)
2. Spring Wire: 0.45mm Dia Phosphor Bronze Gold Plating Over Nickel / 0.35mm Thickness Phosphor Bronze Alloy Selective Gold Plating Over Nickel.
3. Shielding:0.2-0.35mm Thickness Copper Alloy With Nickel Plated
4. Gold Plating:1u inch, 3u inch,6u inch, 15u inch,30u inch,50u inch
5. Working Temperature:-40 $^{\circ}$ C-70 $^{\circ}$ C

CODE RULE

YK X X X XX X X X NL
 1 2 3 4 5 6 7 8

1

J	10/100 Base-T
G	1000 Base-T
K	1000 Base-T Long Body
T	10G Base-T
H	HDMI
	Without Magnetic

5

12	1X2 Ports
14	1X4 Ports
1N	1XN Ports
21	2X1 Ports
22	2X2 Ports
2N	2XN Ports
	1 Port

2

U	Tab Up
D	Tab Down
V	Vertical
	Other

6

X	X(0-9)
---	--------

3

1	POE+
2	SMT
3	Recessed
4	Low profile
5	Halogen Free
6	RJ45+USB
7	POE++
8	Other
9	NO Shielded
0	POE

7

7	Top EMI Finger
9	EMI Finger
X	X(0-9)

4

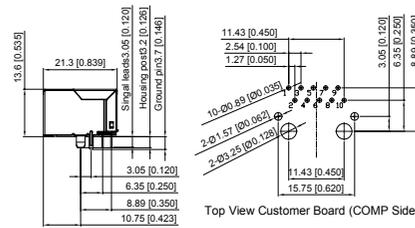
0	Green-Yellow
1	Yellow-Green
2	No LED
3	Other Dual Color
4	Yellow-Yellow
5	Green, Yellow-Green
6	Green-Green
7	Green-Green, Orange
8	Green-Yellow, Green
9	Green, Orange-Green

8

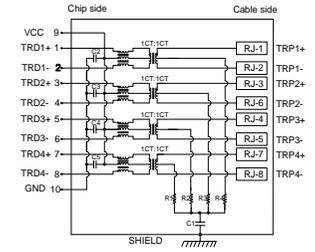
A	15u" Gold Plating On Contact Area
B	30u" Gold Plating On Contact Area
C	50u" Gold Plating On Contact Area
	Other

2.5G BASE

MECHANICAL

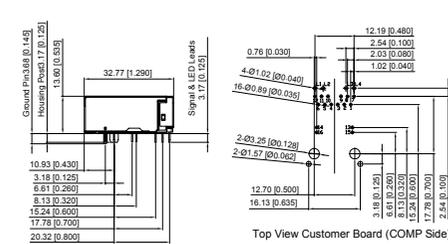


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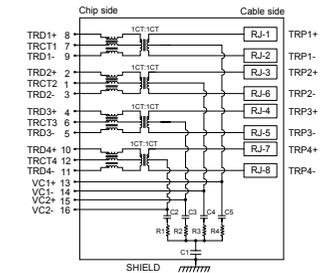


5G BASE

MECHANICAL

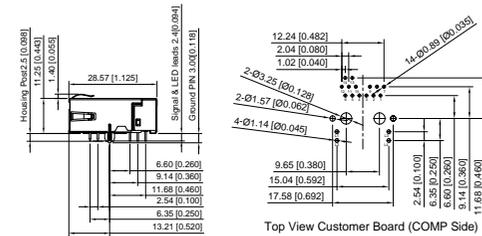


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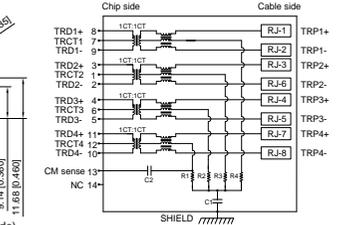


10G BASE

MECHANICAL



SCHEMATICS

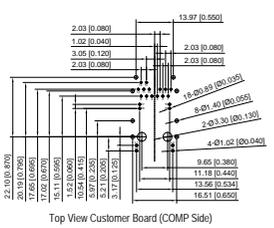
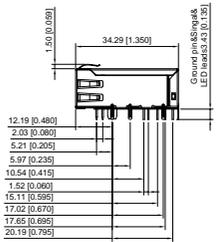


INGKE 10G BASE (10GbE) PARTS

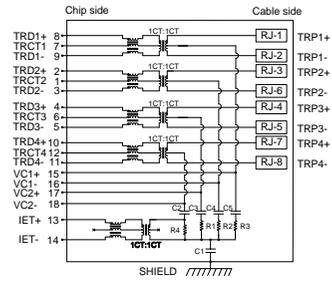
INGKE 100BASE SCHEMATIC

10G BASE

MECHANICAL

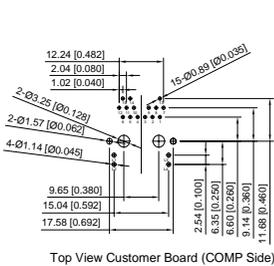
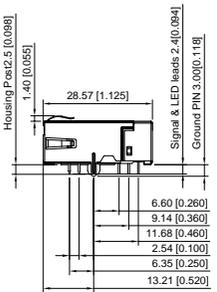


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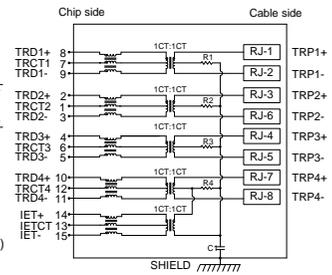


10G BASE

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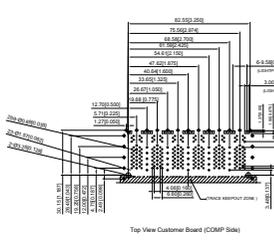
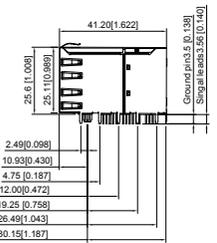


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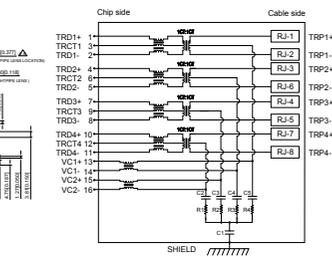


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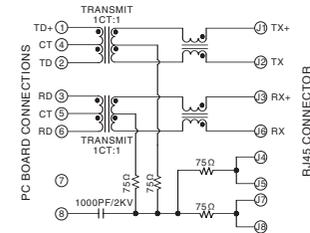


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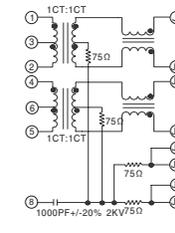


RJ45+TRANSFORMER 100BASE SCHEMATIC

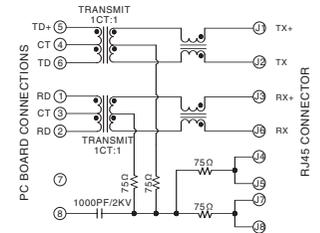
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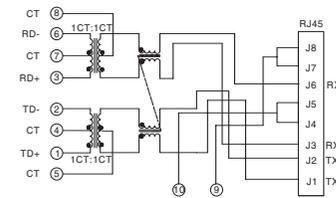
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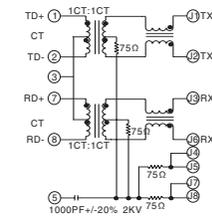
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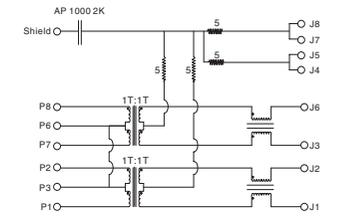
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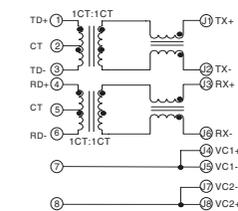
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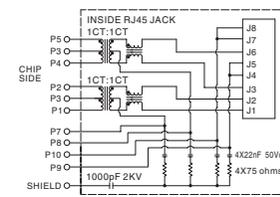
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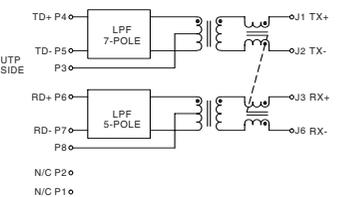
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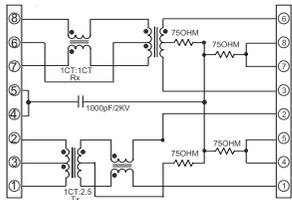


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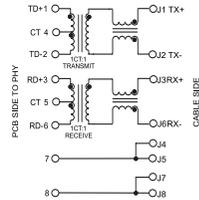
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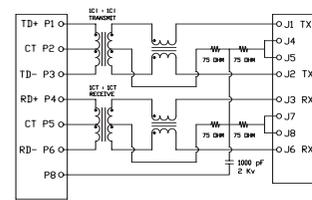
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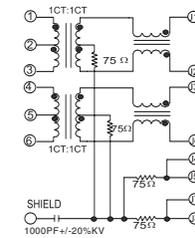
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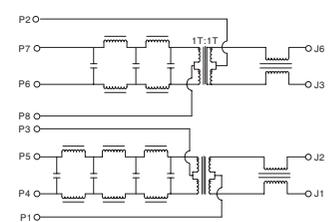
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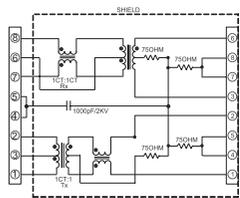
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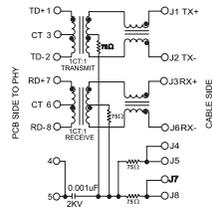
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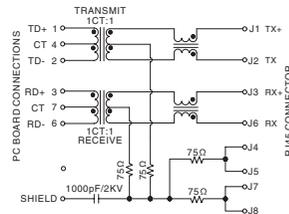
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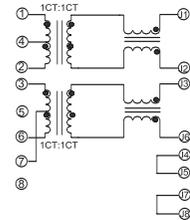
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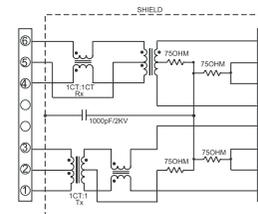
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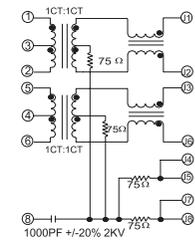
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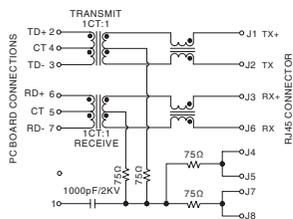
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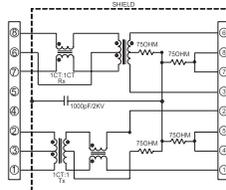
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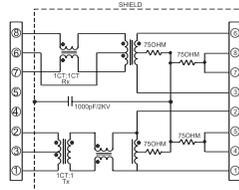
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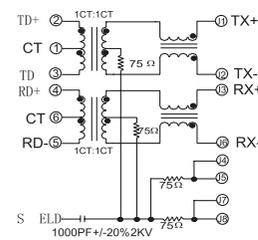
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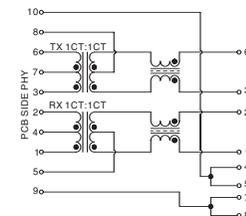
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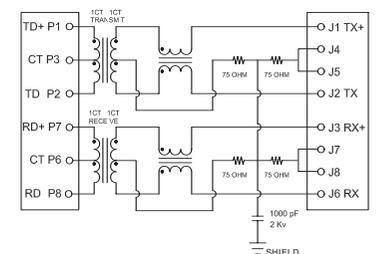
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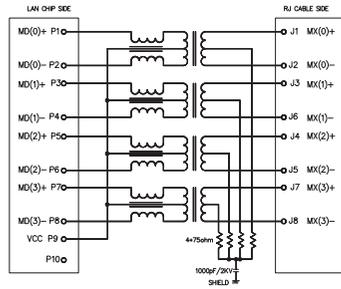


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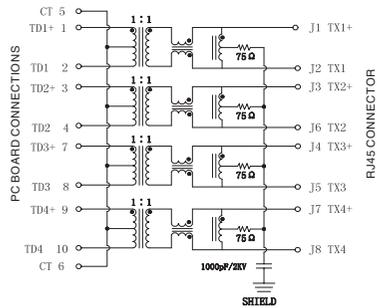


RJ45+TRANSFORMER 1000BASE SCHEMATIC

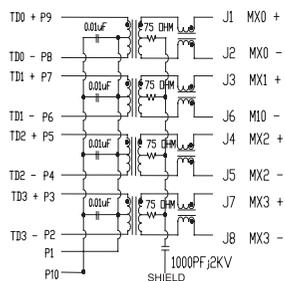
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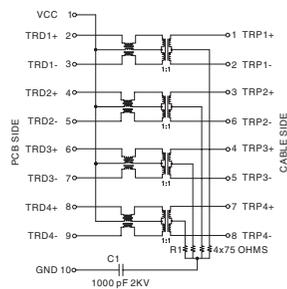
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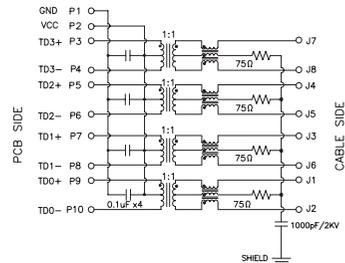
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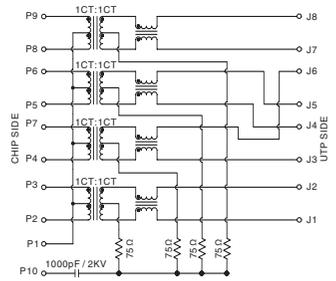
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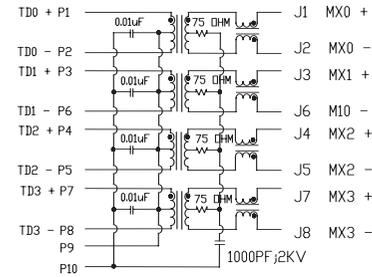


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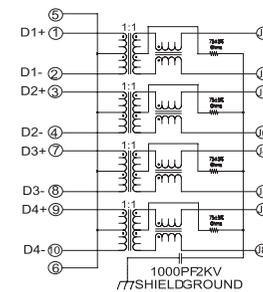


RJ45+TRANSFORMER 1000BASE SCHEMATIC

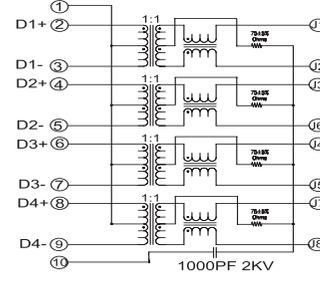
Q068



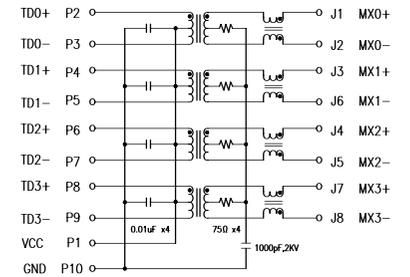
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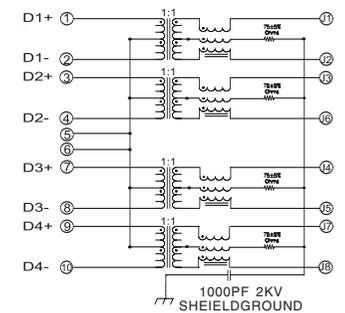
Q106



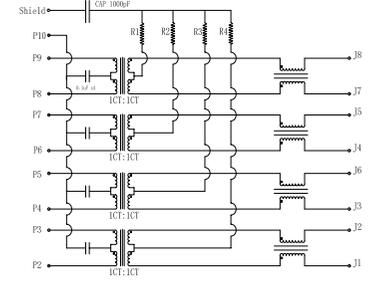
Q069



Q072

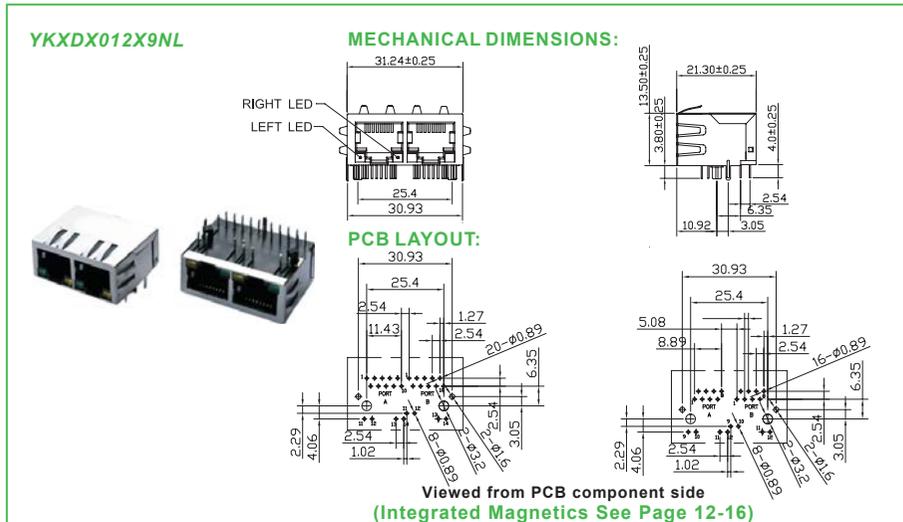


Q107



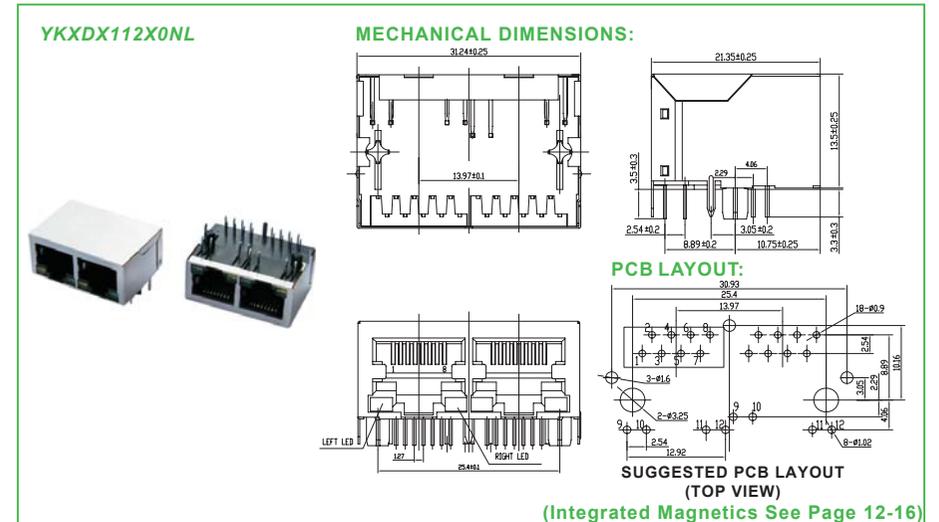
INGKE RJ45+TRANSFORMER SERIES

RJ45+TRANSFORMER 1XN PORT TAB DOWN DIP 90°

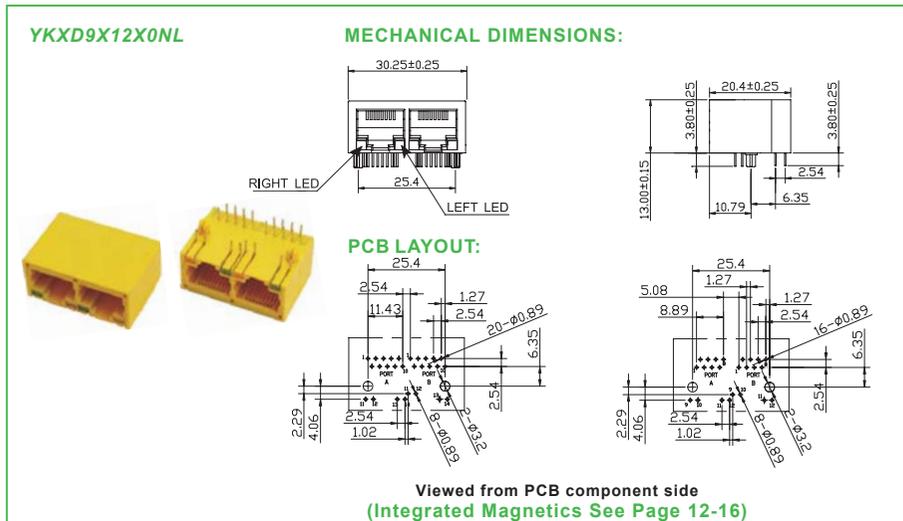


INGKE RJ45+TRANSFORMER SERIES

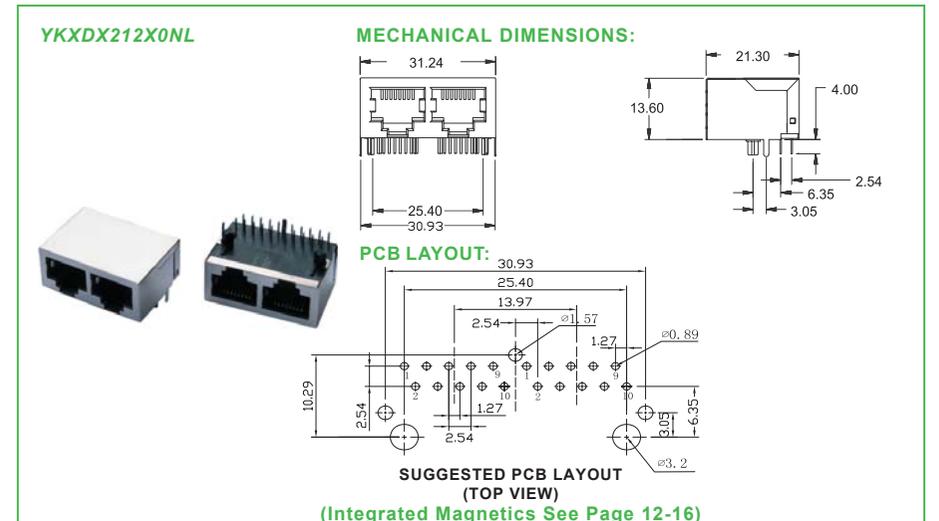
RJ45+TRANSFORMER 1XN PORT TAB DOWN DIP 90°



RJ45+TRANSFORMER 1XN PORT TAB DOWN DIP 90°

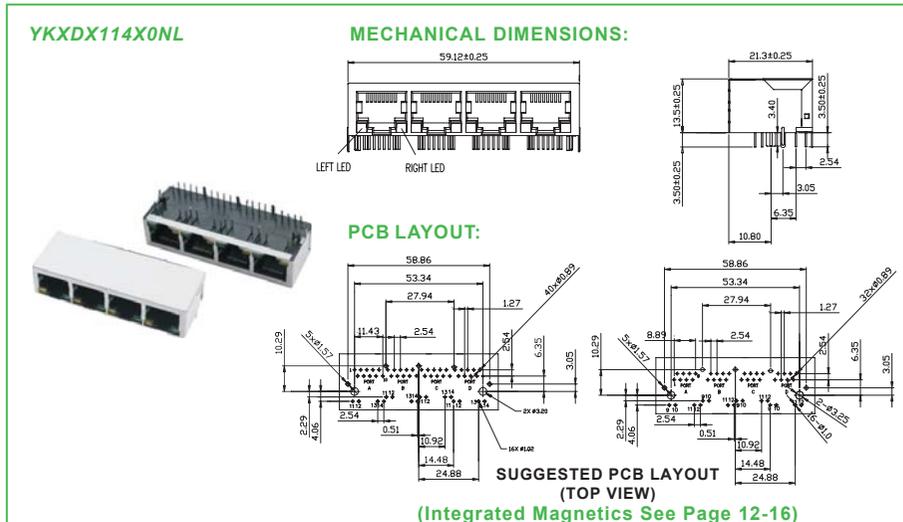


RJ45+TRANSFORMER 1XN PORT TAB DOWN DIP 90°



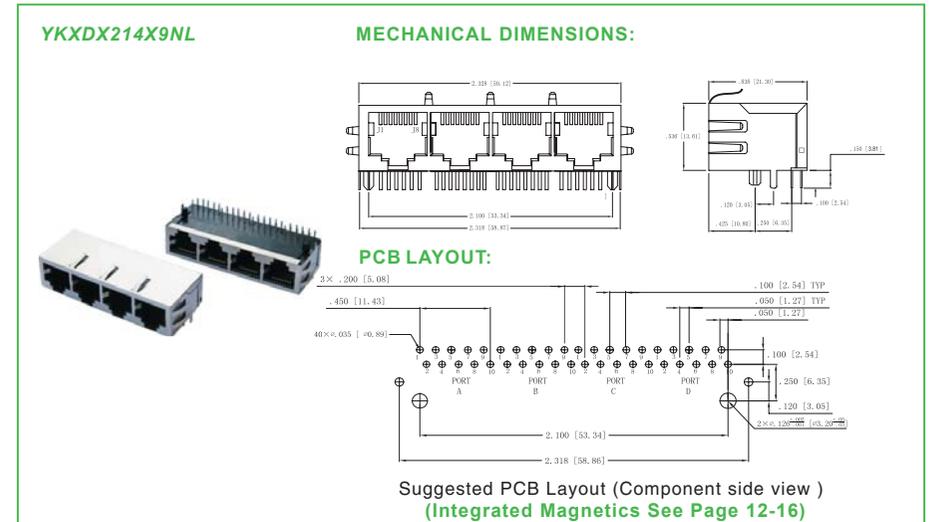
INGKE RJ45+TRANSFORMER SERIES

RJ45+TRANSFORMER 1XN PORT TAB DOWN DIP 90°

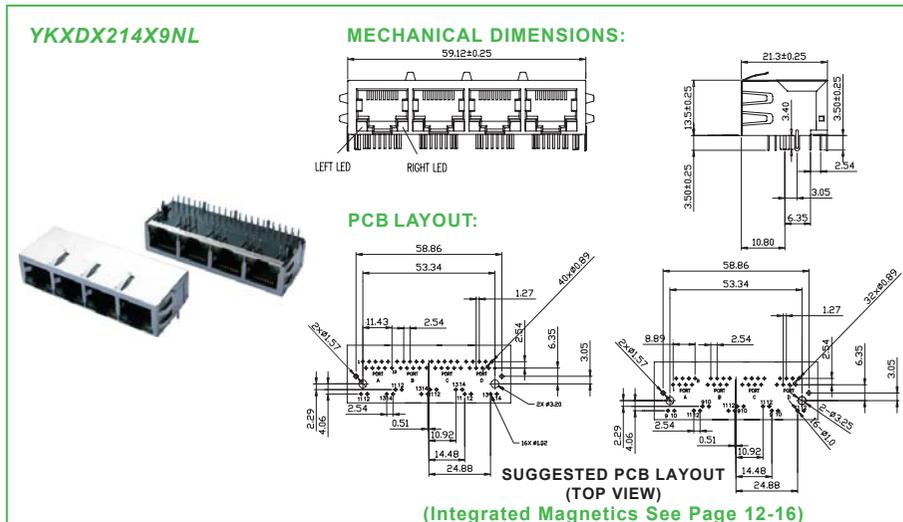


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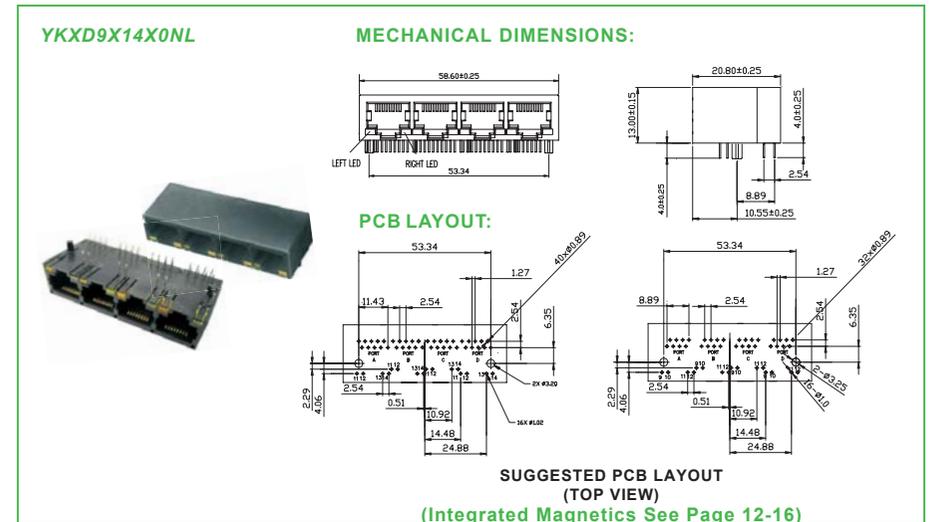
RJ45+TRANSFORMER 1XN PORT TAB DOWN DIP 90°



RJ45+TRANSFORMER 1XN PORT TAB DOWN DIP 90°

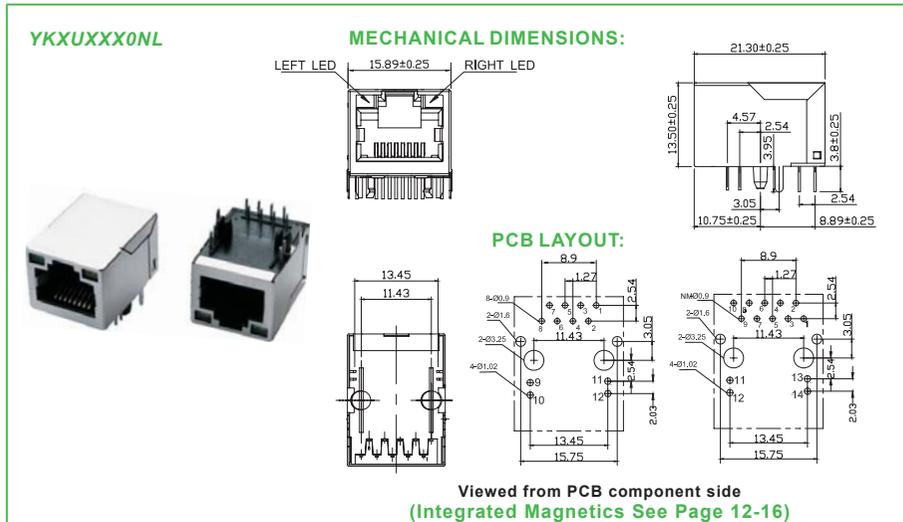


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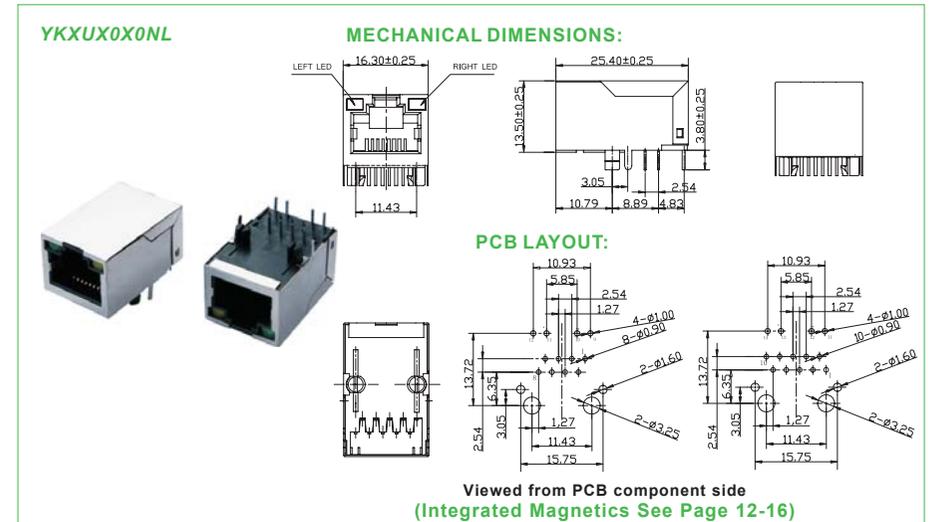
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RJ45+TRANSFORMER TAB UP DIP 90°

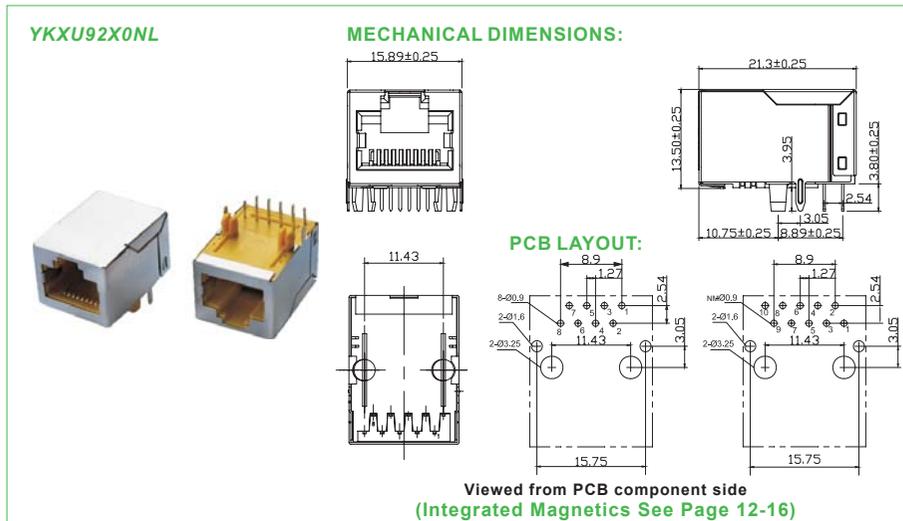


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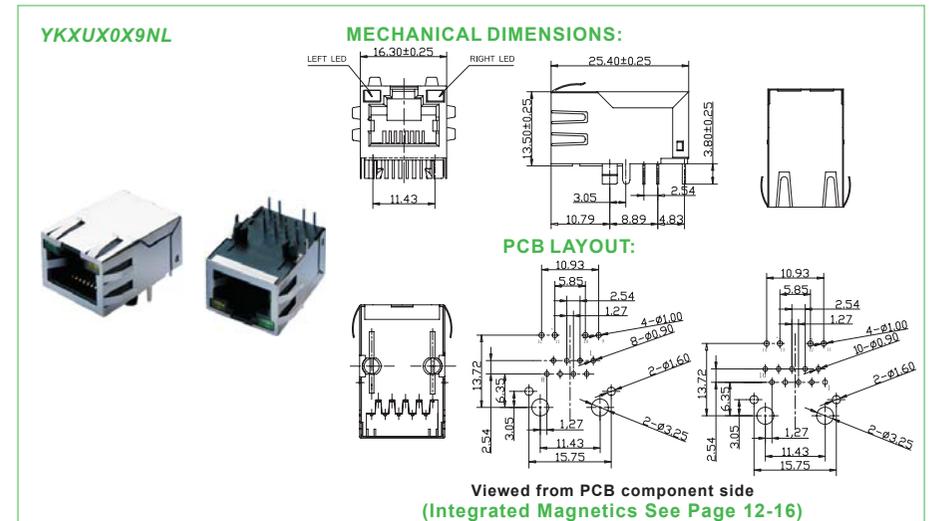
RJ45+TRANSFORMER TAB UP DIP 90°



RJ45+TRANSFORMER TAB UP DIP 90°

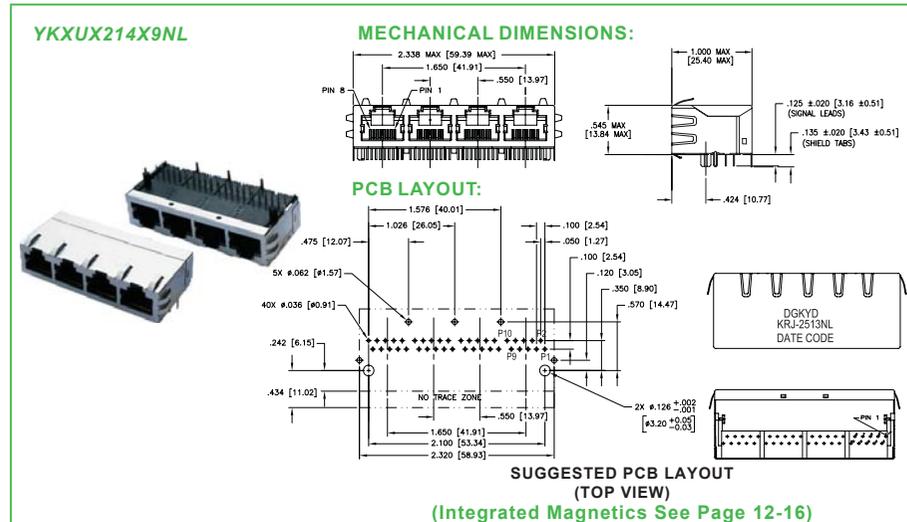


RJ45+TRANSFORMER TAB UP DIP 90°



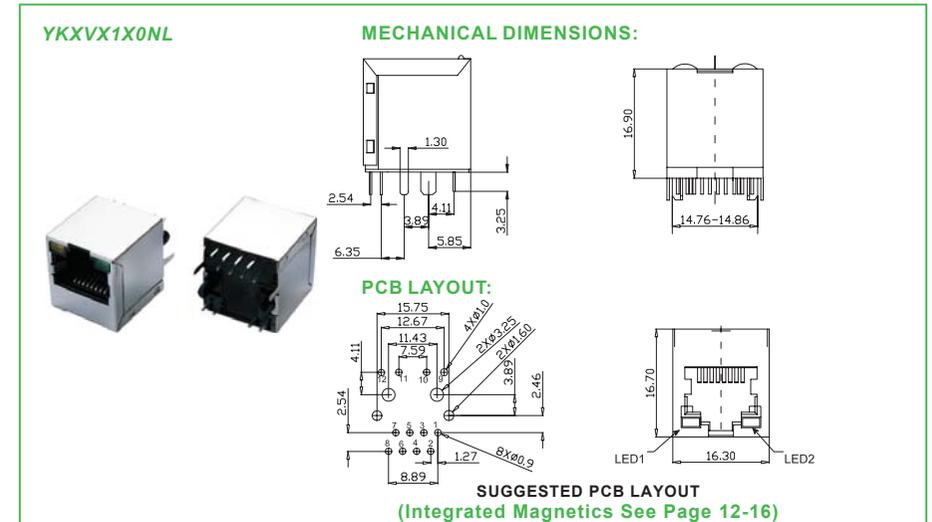
INGKE RJ45+TRANSFORMER SERIES

RJ45+TRANSFORMER TAB UP DIP 90°

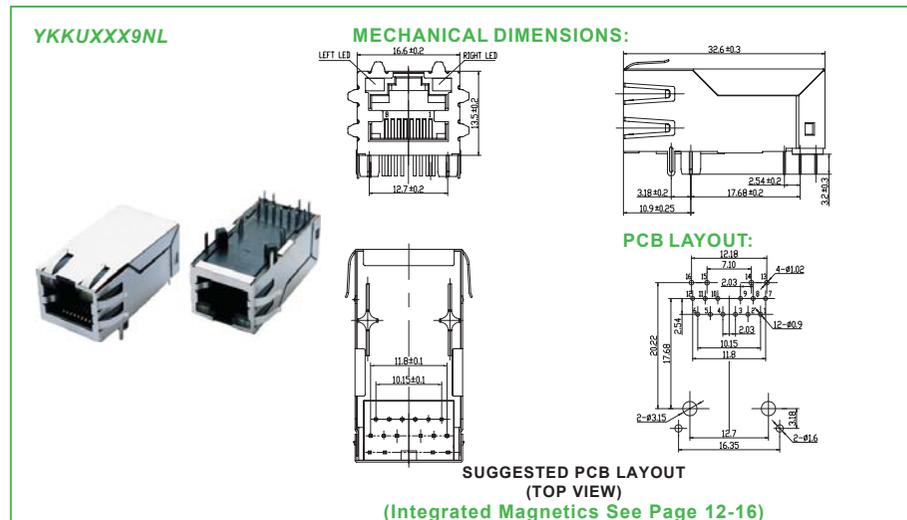


INGKE RJ45+TRANSFORMER SERIES

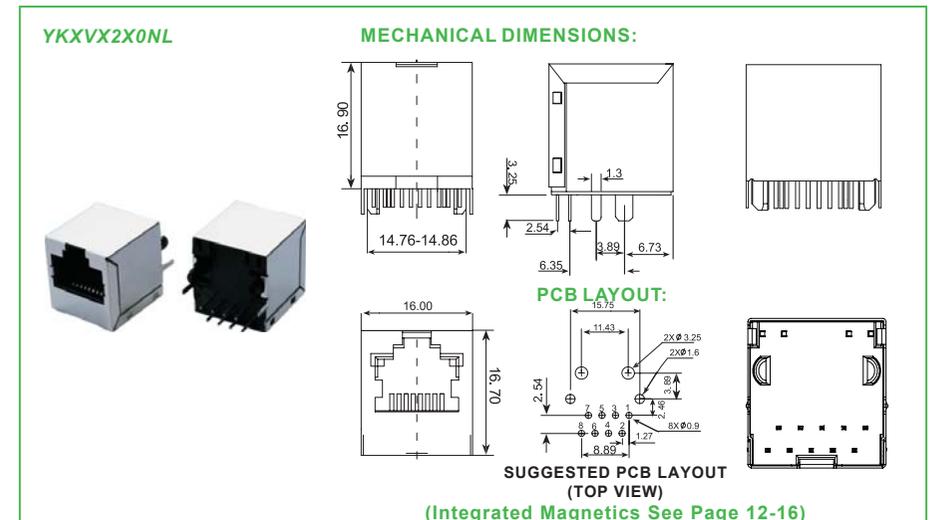
RJ45+TRANSFORMER DIP 180°



RJ45+TRANSFORMER TAB UP DIP 90°



RJ45+TRANSFORMER DIP 180°



INGKE RJ45+TRANSFORMER SERIES

RJ45+TRANSFORMER 2XN PORT DIP 90°

YKXX221X0NL

MECHANICAL DIMENSIONS:

PCB LAYOUT:

SUGGESTED PCB LAYOUT (TOP VIEW)
(Integrated Magnetics See Page 12-16)

INGKE RJ45+TRANSFORMER SERIES

RJ45+TRANSFORMER 2XN PORT WITH LED DIP 90°

YKXX26X9NL

MECHANICAL DIMENSIONS:

PCB LAYOUT:

SUGGESTED PCB LAYOUT (TOP VIEW)
(Integrated Magnetics See Page 12-16)

RJ45+TRANSFORMER 2XN PORT WITH LED DIP 90°

YKXX24X9NL

MECHANICAL DIMENSIONS:

PCB LAYOUT:

SUGGESTED PCB LAYOUT (TOP VIEW)
(Integrated Magnetics See Page 12-16)

RJ45+TRANSFORMER 2XN PORT WITH LED DIP 90°

YKXX28X9NL

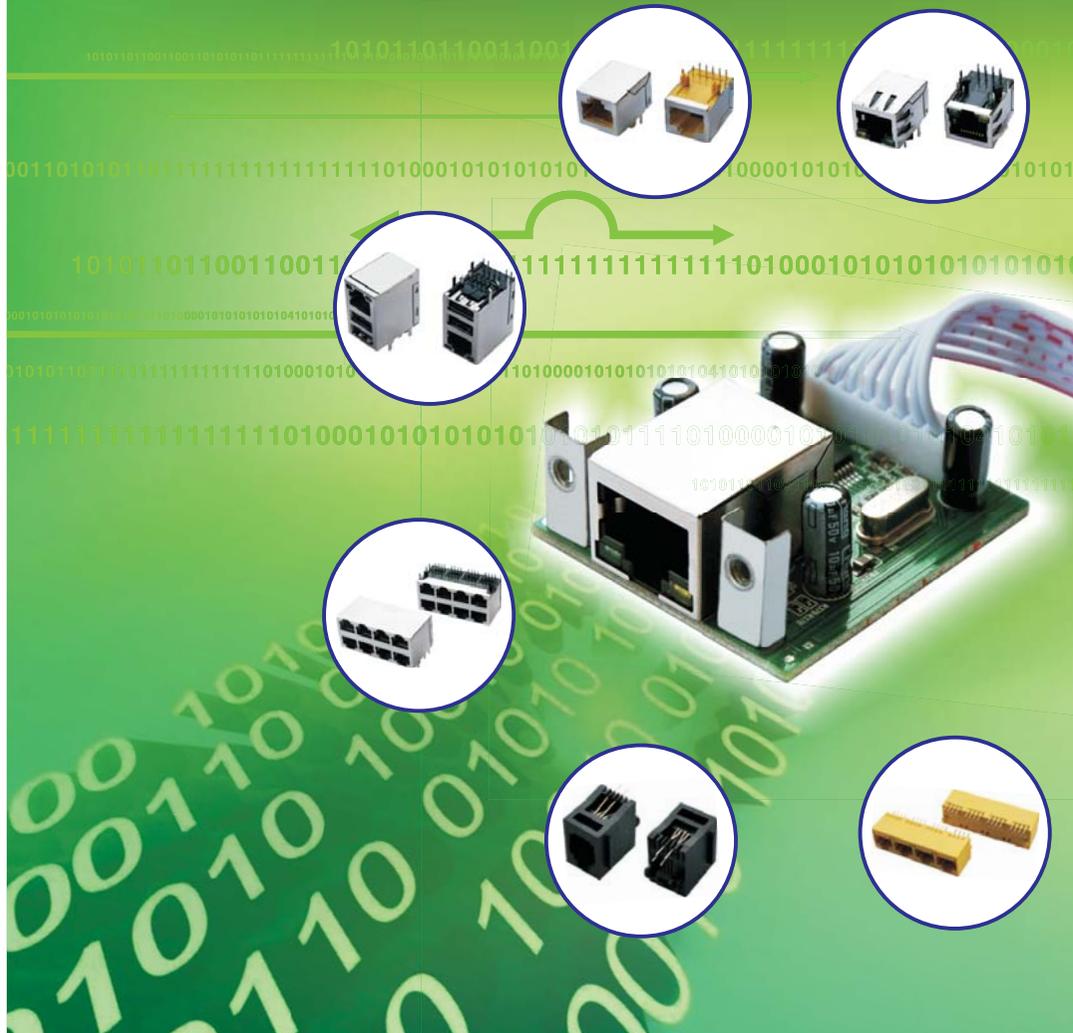
MECHANICAL DIMENSIONS:

PCB LAYOUT:

SUGGESTED PCB LAYOUT (TOP VIEW)
(Integrated Magnetics See Page 12-16)

THE SECOND PART

PRODUCTS



INGKE PRODUCTS

INTEGRATED MAGNETICS



YKSD-8200NL



YKAU-7001BNL



YKTD-8389NL



YKTU-1509CNL



YKGD-8109NL



YKGD-8209NL



YKJD-8208NL



YKGD-8208NL



YKJD-9200NL



YKGD-9200NL



YKJD-9210NL



YKJD-2209NL

INTEGRATED MAGNETICS



YKJD-8300NL



YKKU-2200NL



YKJV-8200NL



YKJV-8100NL



YKJ-3200NL



YKJU-0100NL



YKJU-1309NL



YKJU-8200NL



YKJU-0309NL



YKJU-0019NL



YKJU-1010NL



YKJU-2019NL

INTEGRATED MAGNETICS



YKKU-8609NL



YKKU-8309NL



YKKU-8209NL



YKJD-831209NL



YKJD-801209NL



YKJ-822100NL



YKJU-6200NL



YKJU-6300NL



YKJU-6010NL



YKJD-921409NL



YKJD-821419NL



YKKU-821409NL

INGKE PRODUCTS

WITHOUT MAGNETIC



YKV-92004P4CNL



YKV-92104P4CNL



YKV-92206P6CNL



YKV-92308P8CNL



YKV-8010ENL



YKV-8210ENL



YKV-8110ENL



YKV-9240ENL



YKV-8220ENL



YKV-821200ENL



YKV-821400ENL



YKV-921400ENL

INGKE PRODUCTS

WITHOUT MAGNETIC



YKV-92008P8CNL



YKV-92004P4CNL



YKV-92006P6CNL



YKV-92208P8CNL



YKV-92206P6CNL



YKV-92308P8CNL



YKV-92408P8CNL



YKV-921200NL



YKV-92004P4CNL



YKD-92008P8CNL



YKU-8210ENL



YKU-8100ENL

WITHOUT MAGNETIC



YKU-8300ENL



YKU-811209ENL



YKU-821400ENL



YKU-811409ENL



YKU-821600ENL



YKU-821809ENL



YKD-8250ENL



YKD-8260ENL



YKD-8270ENL



YKD-8280ENL



YKD-8209ENL



YKD-821200ENL

WITHOUT MAGNETIC



YKD-821490ENL



YKD-821480ENL



YKD-821500ENL



YKD-821800ENL



YK-822119ENL



YK-822200ENL



YKD-822400ENL



YKD-832409ENL



YKD-82US00ENL



YK-82US20ENL



YKU-6310ENL



YKU-6320ENL

UNUSUAL



YKJU-2109NL



YKU-8320ENL



YKU-8330ENL



YK-8200MMNL



YK-8220MMNL



YK-8230MMNL



YKU-8390NL



YKU-8380NL



YKU-8370NL



YKV-921400NL



YK-822709NL



YKV-931400NL

UNUSUAL



YKV-9390NL



YKF-8P8CNL



SMT RJ11 JACK



45° DIP LED Jack



Vertical SMT RJ11



RJ45 JACK TO PLUG AND DC JACK



HDB15M(Triple Row PIN) TO RJ45 JACK



Rj45 JACK 648 8P8C



YKG-01242INL



YKG-10240INL



YKRJ-3809DRNL



YKD-8280NL

INGKE PRODUCTS

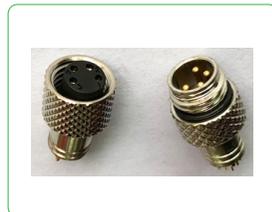
Circular Connector



YKM8-PTB0x0xx



YKM8H304FV



YKM8-PTS1x0xx



YKM8-QTS0x0xA



YKP8S-30xxSK



YKB5-10267AMS



YKM12-FTS0235A



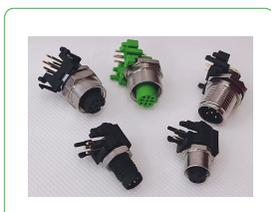
YKM12-10467AMS



YKM12-FCS01312A



YKM12-WZ05A02



YKM12-WZXXDXXX



YKM12-7304DF01

ROHS

积极响应世界各国环保指令

向世界提供绿色产品

Respond to the international community environmental

protection instruction actively

provide the green product toward the word