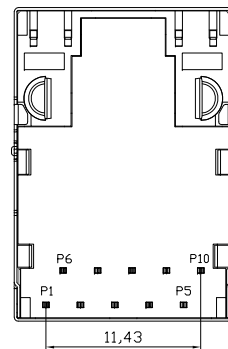
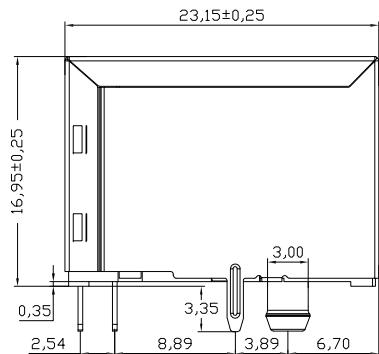
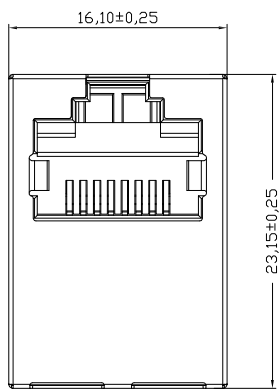
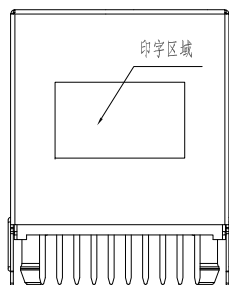


MECHANICAL :

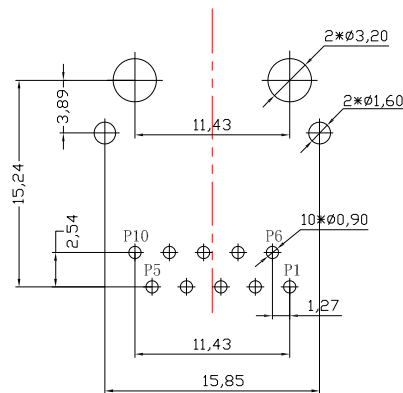


Metal Shell : Copper Alloy, Finish: 30u" Nickel
 Housing : Thermoplastic,PBT,UL 94V-0,Black
 Insert : Thermoplastic,PBT,UL 94V-0,Black
 Contact Terminal/phosphor Bronze
 6u" Gold on Contact Area, 100u" Tin on Solder,
 Both over 50u" Nickel Under-Plated
 Coil Base : Phenolic,PBT,UL 94V-0,Black
 Terminal/Copper Alloy T=0.35mm Thickness

Meets or exceeds IEEE 802.3 standard for 10/100 Base-TX
 350uH minimum OCL with 8mA Bias current
 Available with or without LEDs
 Minimum 1500Vrms isolation per IEEE802.3 requirement
 Operating temperature -40°C to +85°C
 Storage temperature -40°C to +85°C



TOP VIEW



P. C. B RECOMMENDED HOLE LAYOUT SEEN FROM COMPONENT SIDE.
 ALL CENTERLINE DIMENSTONS ARE BASIC

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 SHEN ZHEN HUILY ELECTRONICS CO.,LTD.

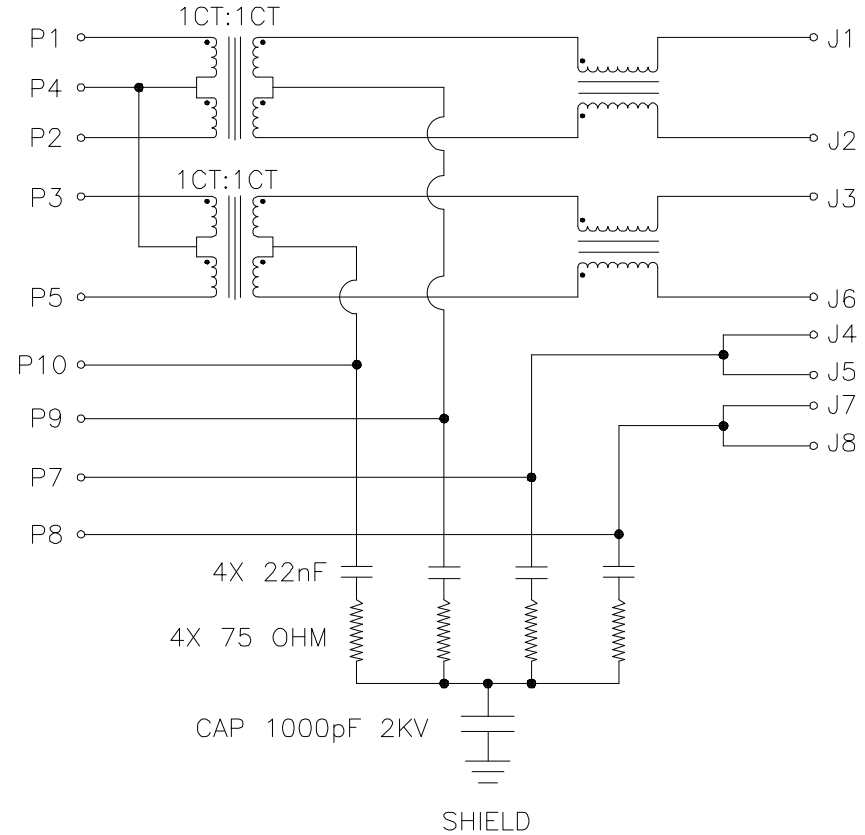
A0	RELEASED	Peng	02/08-17
REV	DESCRIPTION.	APPD.	Date

FILE NO : HRV4(Series)		TITLE 圖名		RJ45 Connector With Transformer 100Base 180° 1x1		UNIT 單位	mm inch
TOLERANCE(公差): 0.000 mm ± 0.10 mm 0.00 mm ± 0.25 mm 0.0 mm ± 0.30 mm		PART NO. 料號		HRV4-1BEPF61-3B1BD-1R		SCALE 比例	1:1
		DRAWN BY 製圖		Peng	DATE 日期	2019-10-31	REV. 版本
		CHECKED BY 審核		Zhu	DATE 日期	2019-10-31	

ELECTRICAL SPECIFICATIONS@25°C UNLESS OTHERWISE NOTED:

1. Turn Ratio(+/-2%):1CT:1CT
2. Inductance OCL:
350uH Min @100KHz 0.1V DC BIAS 8mA
3. Insertion Loss:
-1.0dB Max @1.0-100MHz
4. Return Loss:
-20dB Min @1-10MHz
-16dB Min @10-30MHz
-12dB Min @30-60MHz
-10dB Min @60-100MHz
5. Cross talk:
-40dB Min @1-30MHz
-35dB Min @30-60MHz
-30dB Min @60-100MHz
6. Common Mode Rejection:
-35dB Min @1-100MHz
-20dB Min @50-150MHz
7. HIPOT TEST:500Vrms 1mA.Max
8. DC CURRENT /
VOLTAGE RATING - PSE PINS: 350mA MAX
@54V DC (CONTINUOUS)

SCHEMATICS:



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SHEN ZHEN HUILY ELECTRONICS CO.,LTD.

FILE NO : HRV4(Series)

TITLE
圖名

RJ45 Connector With Transformer
100Base 180° 1x1

UNIT
單位

mm
inch

TOLERANCE(公差):

0.000 mm ± 0.10 mm
0.00 mm ± 0.25 mm
0.0 mm ± 0.30 mm

PART NO.
料號

HRV4-1BEPF61-3B1BD-1R

SCALE
比例

1:1

DRAWN BY
製圖

Peng

DATE
日期

2019-10-31

REV.
版本

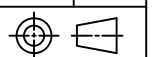
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CHECKED BY
審核

Zhu

DATE
日期

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RELEASED

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02/08-17

REV

DESCRIPTION.

APPD.

Date

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Page: 2 of 2