

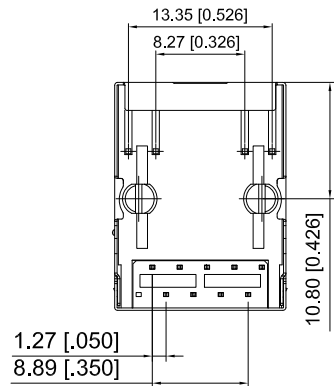
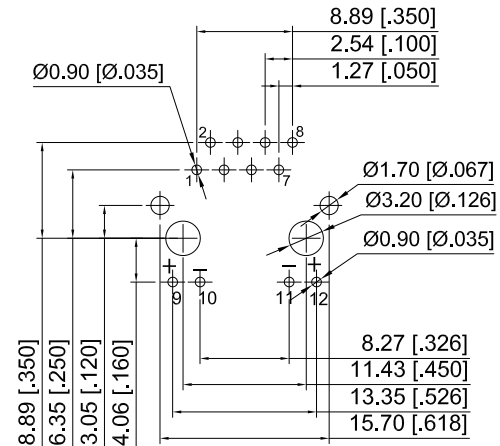
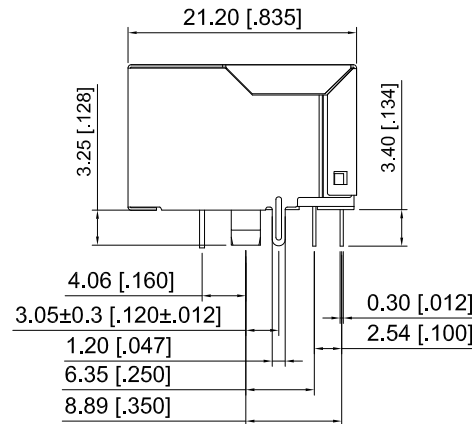
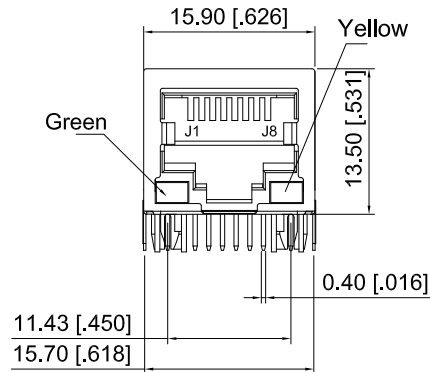
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RoHS COMPLIANT

REVISIONS

REV	ECN NO.	DESCRIPTION	APPROVED BY	DATE
A		PROPOSAL DRAWING	Helly Luo	2015-08-20

Mechanical



GoldPlating	Option
1.8μ"	☐
3μ"	☐
6μ"	☒
15μ"	☐
30μ"	☐
50μ"	☐

RECOMMENDED P.C.B LAYOUT
TOP VIEW (COMPONENT SIDE)

Dimensions Tolerance:
All PCB LAYOUT
Tolerances:±0.05[.002]

MATERIALS

- 1.HOUSING:GLASS FILLED PA46(BLACK) UL94V-0(ROHS)
- 2.CONTACT: PHOSPHOR BRONZE,50-100 MICROINCHES MIN. OVERALL DUCTILE NICLEL UNDERPLATE WITH SELECTED 6 MICROINCHES GOLD AT MATING INTERFACE
- 3.SHIELD:0.2mm THICKNESS WITH BRASS.
- 4.JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68 SUBPART F
- 5.THE PART IS RECOMMENDED FOR WAVE SOLDERING PROCESS PEAK SOLDERING TEMPERATURE IS 260°C MAX,10 SECS MAX.
- 6.OPERATING TEMPERATURE:0°C TO +70°C.
STORAGE TEMPERATURE:-40°C TO +85°C.

DIMENSIONS:

☐ MM [INCH] ☐ INCH [MM] ☒ MM ONLY

UNLESS OTHERWISE SPECIFIED,
GENERAL TOLERANCE:

DECIMALS ANGLES
.X ±0.38 [0.015] X° ±3°
.XX ±0.25 [0.010] .X° ±2.0°

CAD GENERATED DRAWING,
DO NOT MANUALLY UPDATE

THIRD ANGLE PROJECTION



JJP Jen Jia Precision Technology Co., Ltd.

TITLE	RJ45 1X1 Tab_Down Through Hole 10/100Base-T W/LED			
PART NO.	J1810-JLEU1S402-G/YRP	APPROVED BY	JASON MENG	
DRAWING NO.	J1810-JLEU1S402-G/YRP	CHECKED BY	STEVEN LIU	
MATERIAL		DRAWN BY	Helly Luo	
FINISH		GENERATD DATE	2018-08-20	
SCALE	FREE	SHEET	1/2	REV. A
		FILE NO.	JJJP-A-05-003	

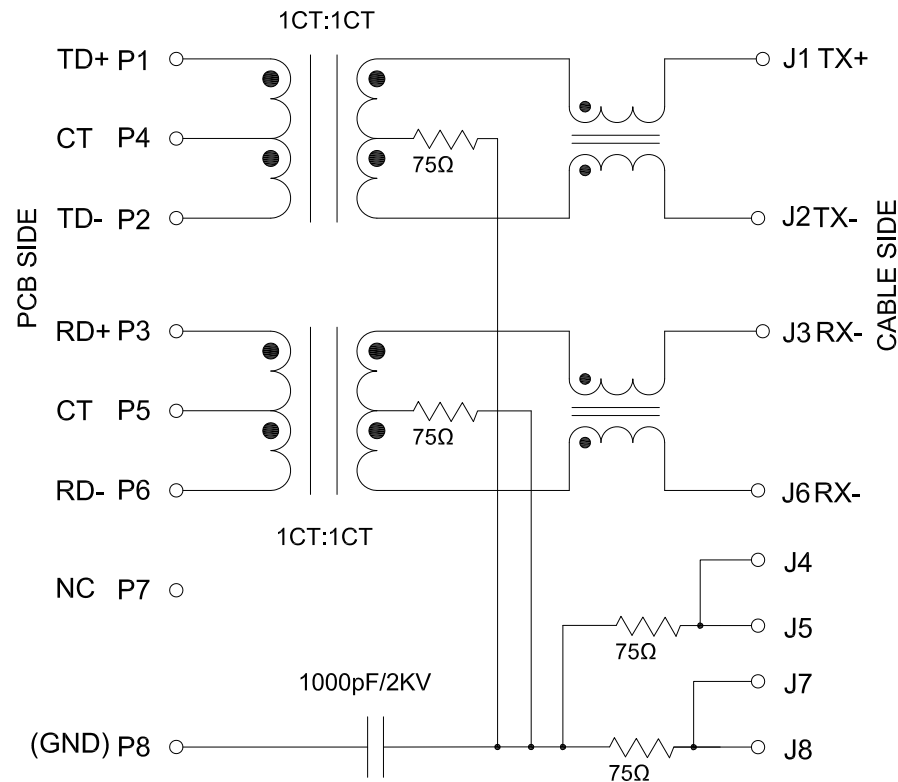
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Schematic

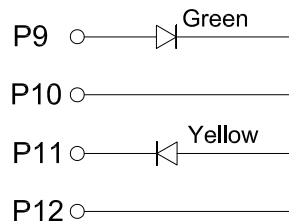


PARAMETER	SPECIFICATIONS
OPERATING TEMPERATURE	0°C To +70°C
URNS RATIO	1:1±3%
INDUCTANCE(OCL)	350uH MIN@100KHz/100mV With 8mA DC Bias
INSERTION LOSS	-1.0dB MAX@0.3MHz-100MHz;
RETURN LOSS (Z out=100 OHM)	-18dB MIN@1MHz-30MHz; -13dB MIN@30MHz-60MHz; -10dB MIN@60MHz-100MHz;
CROSSTALK (ADJACENT CHANNELS)	-30dB MIN@1MHz-100MHz;
COMMON MODE REJECTION RATIO	-30dB MIN@1MHz-100MHz;
HI-POT	2250 VDC@60 SECONDS

LED SPECIFICATION

STANDARD LED	WAVELENGTH	Farward V(max)	TYP
GREEN	565nm	2.4V	2.2V
YELLOW	590nm	2.5V	2.1V

*WITH A FORWARD CURRENT OF 20mA



DIMENSIONS:

☐ MM [INCH] ☐ INCH [MM] ☒ MM ONLY

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GENERAL TOLERANCE:

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.X ±0.38 [0.015] X° ±3°
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THIRD ANGLE PROJECTION



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TITLE RJ45 1X1 Tab_Down Through Hole 10/100Base-T W/LED

PART NO. J1810-JLEU1S402-G/YRP APPROVED BY JASON MENG

DRAWING NO. J1810-JLEU1S402-G/YRP CHECKED BY STEVEN LIU

MATERIAL DRAWN BY Helly Luo

FINISH GENERATD DATE 2018-08-20

SCALE FREE SHEET 2/2 REV. A SIZE: A4
FILE NO.:JJP-A-05-003