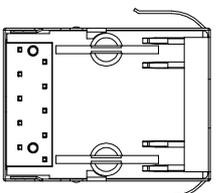
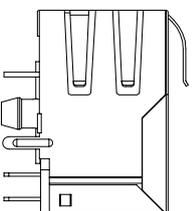
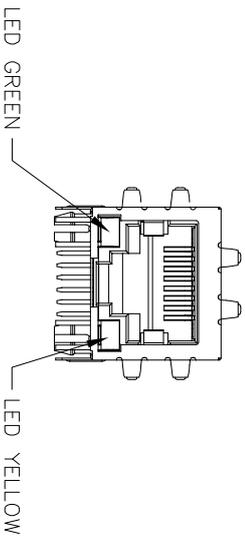
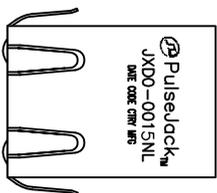


NOTES:

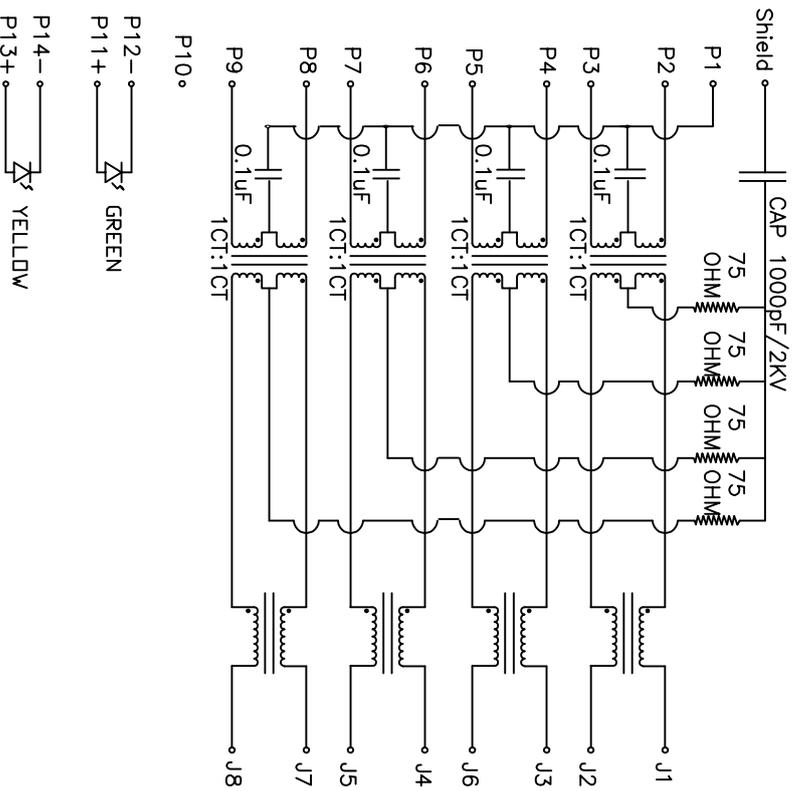
1. CONNECTOR MATERIAL:
HOUSING:THERMOPLASTIC BLACK UL94 V-0
SHIELD:Brass
SHIELD PLATING:NICKEL
CONTACT:PHOSPHOR BRONZE
CONTACT PLATING: SELECTIVE GOLD, 30 MICRO-INCHS MIN
IN CONTACT AREA
2. PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED SEE ELECTRICAL DRAWING FOR OMITTED PINS
3. RJ45 CAVITIES CONFORM TO FCC RULES AND REGULATION PART 68.
4. THE PART IS RECOMMENDED FOR WAVE SOLDERING PROCESS PEAK SOLDERING TEMPERATURE IS 260°C MAX, 10 SECS MAX
5. OPERATING TEMPERATURE T=-40°C TO +85°C.
6. STORAGE TEMPERATURE T=-40°C TO +85°C.
7. PACKAGING INFORMATION: 50 PCS/ TRAY, 1200 PCS/BOX.



FINAL OUTLINE

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,1GD,1:1,TU	JXD0-0015NL-X1	-	1 OF 3	JXD0-0015NL	1



SCHEMATIC

Electrical Specifications:

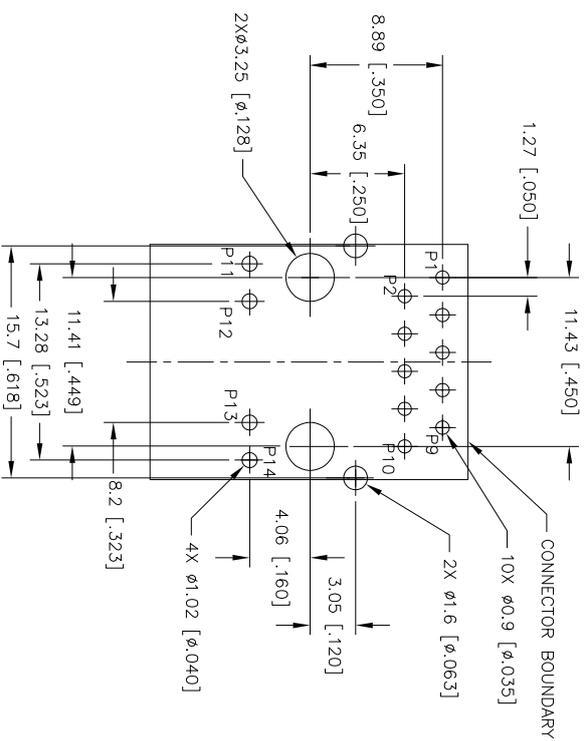
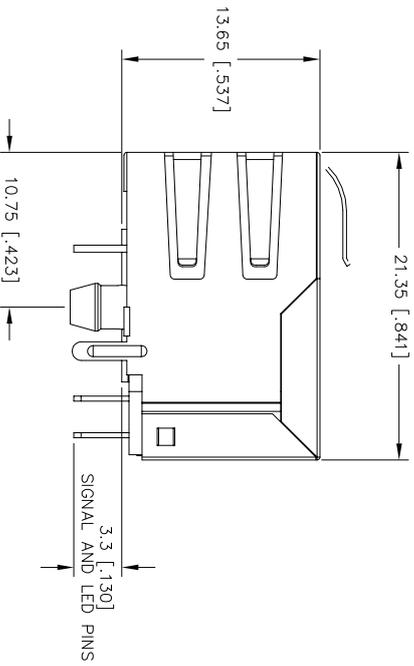
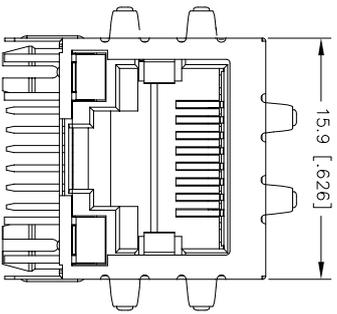
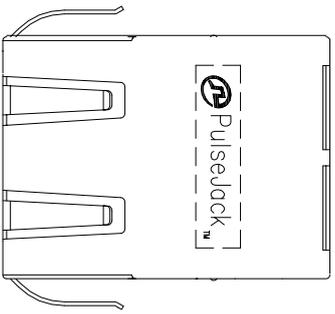
- 1.0 Turn Ratio @100KHz:
 - (P9~P8):(J1~J2) = 1:1±5%
 - (P7~P6):(J3~J6) = 1:1±5%
 - (P5~P4):(J4~J5) = 1:1±5%
 - (P3~P2):(J7~J8) = 1:1±5%
- 2.0 Primary Inductance: 350uH MIN @100KHz, 0.1V 8mA DC BIAS
- 3.0 DC Resistance: 1.2 OHMS MAX
- 4.0 Insertion Loss:
 - 1-100MHz -1.0dB MAX
 - 100-125MHz -1.2dB MAX
- 5.0 Return Loss:
 - 1-40MHz -16dB MIN
 - 40-60MHz -12dB MIN
 - 60-80MHz -10dB MIN
 - 80-100MHz -8dB MIN
- 6.0 CROSS TALK: 1-100MHz -30dB MIN
- 7.0 COMMON TO COMMON MODE ATTENUATION: 1-100MHz -30dB MIN
- 8.0 Isolation: PHY Side to Line Side: 2250VDC

LED SPECIFICATION

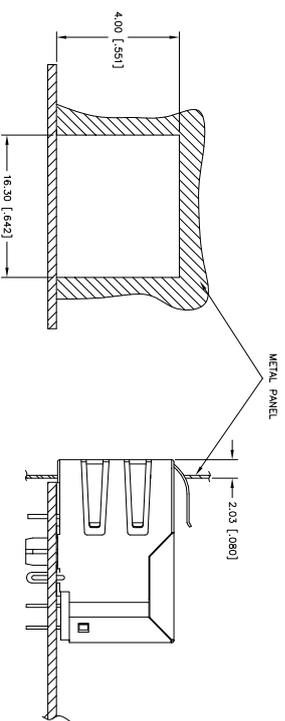
STANDARD LED	WAVELENGTH	Forward Current	Forward V(max)	TPP
GREEN	565nm	20 mA	2.4V	2.2V
YELLOW	590nm	20 mA	2.5V	2.1V

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,1GD,1:1,TU	JXDO-0015NL-X1	-	2 OF 3	JXDO-0015NL	P1



RECOMMENDED PWB LAYOUT
(COMPONENT SIDE SHOWN)



SUGGESTED PANEL CUTOUT

DIMENSIONS ARE IN MILLIMETERS [INCHES] WITH THE FOLLOWING TOLERANCES: [INCHES] ARE FOR REFERENCE ONLY.
X.XX = ±0.25 [±.010]

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,1GD,1:1,TU	JXD1-0015NL-X1	-	3 OF 3	JXD1-0015NL	P1