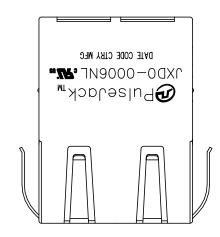
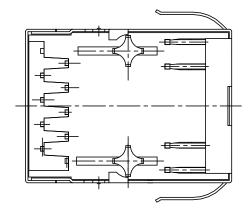


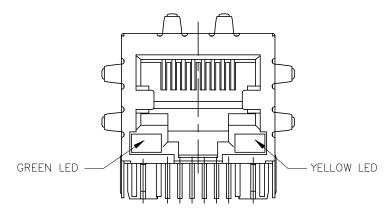


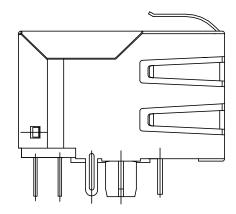
## NOTES:

- 1. CONNECTOR MATERIAL:
  HOUISING: THERMOPLASTIC UL94 V-0
  SHIELD: BRASS
  SHIELD PLATING: NICKEL
  CONTACT: COOPER ALLOY
  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 RECOMMENDDED FOR WAVE SOLDERING PROCESS PEAK SOLDERING TEMPERATURE IS 260°C MAX, 10 SECS MAX
- 5. OPERATING TEMPERATURE  $T=-40^{\circ}C$  TO  $+85^{\circ}C$ .
- 6. STORAGE TEMPERATURE  $T=-40^{\circ}C$  TO  $+85^{\circ}C$ .
- 7. PACKAGING INFORMATION: 50 PCS/TRAY, 1200 PCS/BOX.









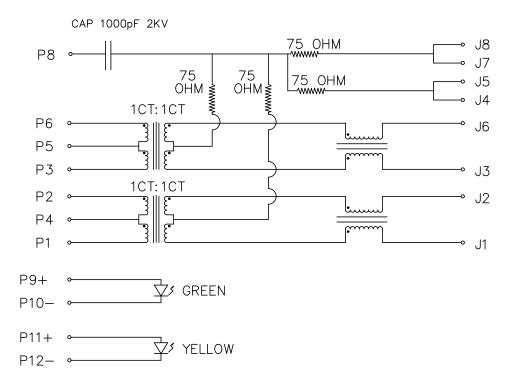
FINAL OUTLINE

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,100D,1:1,TY	JXD0-0006NL-12	_	1 OF 5	JXD0-0006NL	С







SCHEMATIC

## ELECTRONICAL SPECIFICATIONS:

1. TURN RATIO @100KHz:  $(P1\sim P2):(J1\sim J2) = 1:1\pm 5\%$  $(P3\sim P6):(J3\sim J6) = 1:1\pm 5\%$ 

2. PRIMARY INDUCTANCE: 350uH MIN @100KHZ, 0.1V 8mA DC BIAS

3. DC RESISTANCE: (J1~J2): (J3~J6) 1.2 OHMS MAX

4. INSERTION LOSS: 1-100MHz -1.2dB MAX

5. RETURN LOSS: 1-30MHz -16dB MIN

30-60MHz -12dB MIN

60-80MHz -10dB MIN

6. CROSS TALK: 1-100MHz -30dB MIN

7. COMMON TO COMMON MODE ATTENUATION: 1-100MHz -30dB MIN

8. ISOLATION: PHY SIDE TO LINE SIDE: 2250VDC

## LED SPECIFICATION

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

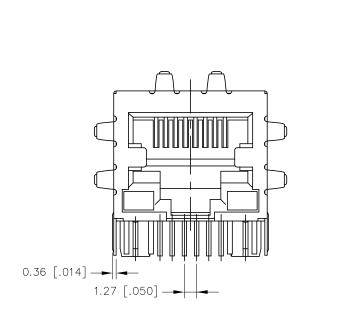
\*WITH A FORWARD CURRENT OF 20mA

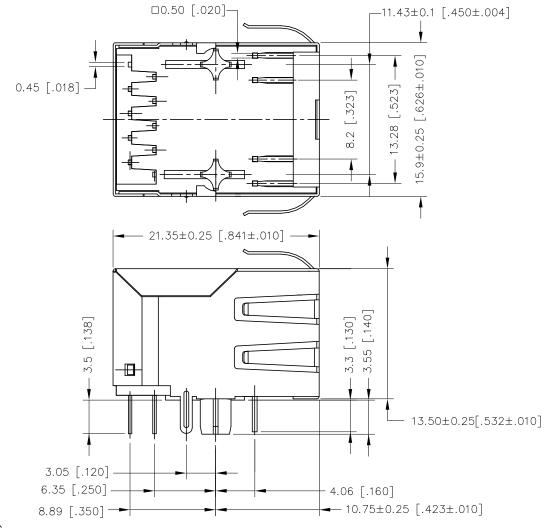
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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,100D,1:1,TY	JXD0-0006NL-12	_	2 OF 5	JXD0-0006NL	С









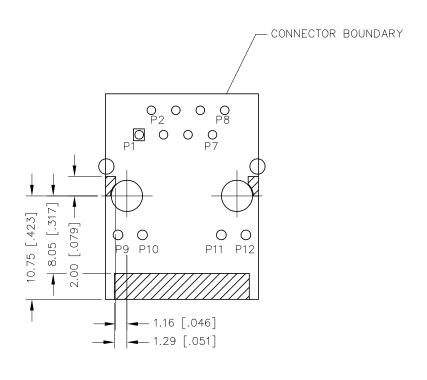
DIMENSIONS ARE IN MILLIMETERS [INCHES] WITH THE FOLLOWING TOLERANCES: [INCHES] ARE FOR REFERENCE ONLY.  $X.XX = \pm 0.25$  [ $\pm .010$ ]

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,100D,1:1,TY	JXD0-0006NL-12	_	3 OF 5	JXD0-0006NL	С







8, 80,90 (8,035,1 =8.89 [.350] [.350]  $2-\phi 1.60 [\phi.063]$   $2-\phi 3.25 [\phi.128]$   $4-\phi 1.02 [\phi.040]$  $\Phi$ P11 P10 [.120] 2.54 [.100] 06 [.160] 3.05 **-** 8.20 [.323] **-**11.43 [.450] — 13.28 [.523] — — 15.7 [.618] -

7X 1.27

KEEP-OUT AREA (COMPONENT SIDE SHOWN)

RECOMMENDED PCB LAYOUT (COMPONENT SIDE SHOWN)

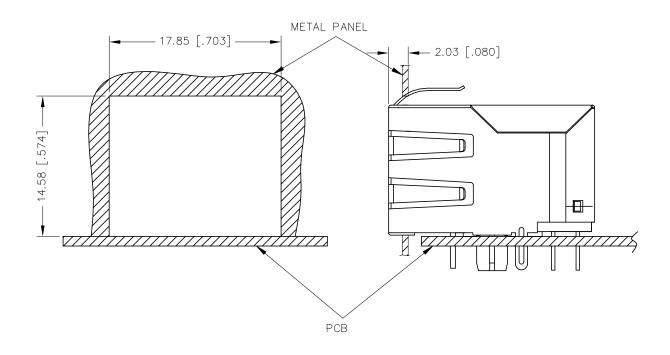
DIMENSIONS ARE IN MILLIMETERS [INCHES] WITH THE FOLLOWING TOLERANCES: [INCHES] ARE FOR REFERENCE ONLY.  $X.XX = \pm 0.10$  [±.004]

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,100D,1:1,TY	JXD0-0006NL-12	_	4 OF 5	JXD0-0006NL	С







SUGGESTED PANEL CUTOUT

DIMENSIONS ARE IN MILLIMETERS [INCHES] WITH THE FOLLOWING TOLERANCES: [INCHES] ARE FOR REFERENCE ONLY.  $X.XX = \pm 0.10$  [ $\pm .004$ ]

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,100D,1:1,TY	JXD0-0006NL-12	_	5 OF 5	JXD0-0006NL	С