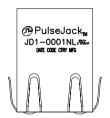
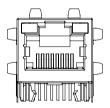


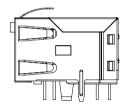


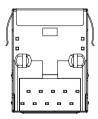
NOTES:

- 1. CONNECTOR MATERIAL:
 HOUISING:THERMOPLASTIC BLACK UL94 V-0
 SHIELD:Brass
 SHIELD PLATING:NICKEL
 CONTACT:PHOSPHOR BRONZE
 CONTACT PLATING: SELECTIVE GOLD, 6 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=0°C TO +70°C.
- 6. STORAGE TEMPERATURE $T=-40^{\circ}C$ TO $+85^{\circ}C$.
- 7. PACKAGING INFORMATION: 50 PCS/ TRAY, 1200 PCS/BOX.







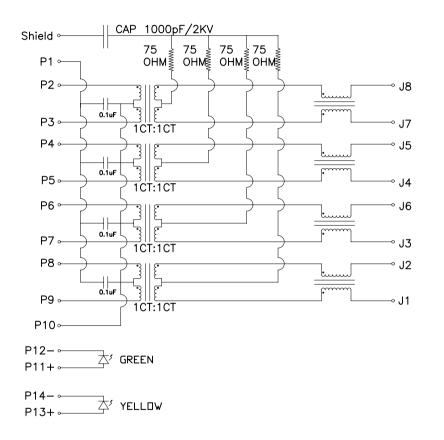


FINAL OUTLINE

PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,1GD,1:1,TU	JD1-0001NL-10	_	1 OF 5	JD1-0001NL	В







Electronical Specifications:

1.0 Turn Ratio @100KHz: $(P9\sim P8):(J1\sim J2) = 1:1\pm 5\%$

 $(P7\sim P6):(J3\sim J6) = 1:1\pm 5\%$ $(P5\sim P4):(J4\sim J5) = 1:1\pm 5\%$ $(P3\sim P2):(J7\sim J8) = 1:1\pm 5\%$

2.0 Primary Inductance: 350uH MIN @100KHZ,0.1V 8mA DC BIAS

 3.0 DC Resistance:
 1.2 OHMS MAX

 4.0 Insertion Loss:
 1-125MHz
 -1.0dB TYP

 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

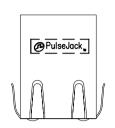
STANDARD LED	WAVELENGTH	Forward Current	Forward V(max)	TYP
GREEN	565nm	20 mA	2.4V	2.2V
YELLOW	590nm	20 mA	2.5V	2.1V

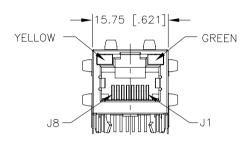
SCHEMATIC

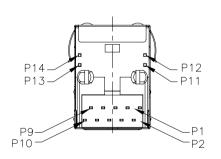
PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,1GD,1:1,TU	JD1-0001NL-10	_	2 OF 5	JD1-0001NL	В

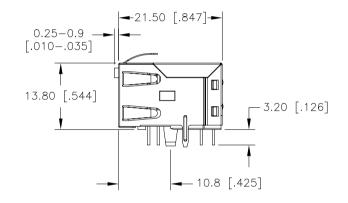










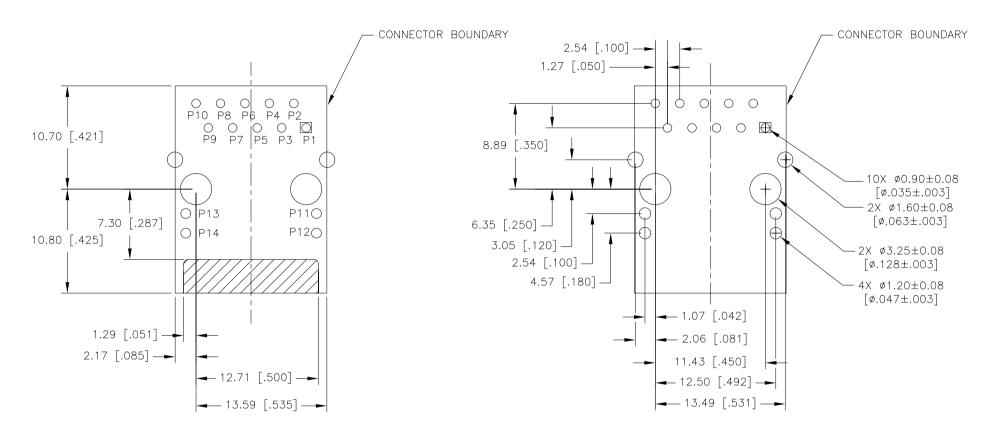


DIMENSIONS ARE IN MILLIMETERS [INCHES] WITH THE FOLLOWING TOLERANCES: [INCHES] ARE FOR REFERENCE ONLY. $X.XX = \pm 0.25$ [$\pm .010$]

PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,1GD,1:1,TU	JD1-0001NL-10	_	3 OF 5	JD1-0001NL	В







KEEP-OUT AREA (COMPONENT SIDE SHOWN)

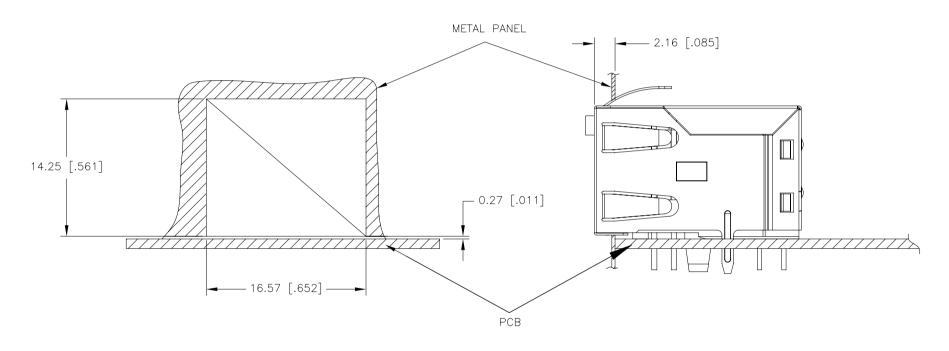
RECOMMENDED PWB LAYOUT (COMPONENT SIDE SHOWN)

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

PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,1GD,1:1,TU	JD1-0001NL-10	-	4 OF 5	JD1-0001NL	В







SUGGESTED PANEL CUTOUT

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

PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,1GD,1:1,TU	JD1-0001NL-10	_	5 OF 5	JD1-0001NL	В

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Pulse:

JD1-0001NL