



## NOTES:

1. CONNECTOR MATERIAL:

HOUISING: PA66 BLACK UL94 V-0

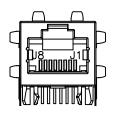
SHIELD: Brass

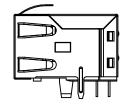
SHIELD PLATING: NICKEL CONTACT: COOPER ALLOY

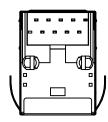
CONTACT PLATING: SELECTIVE GOLD, 30 MICRO-INCHES MIN IN CONTACT AREA

- 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°C TO +85°C.
- 7. All CRITICAL DIMENSIONS WITH "\*"
- 8. PACKAGING INFORMATION: 50 PCS/ TRAY, 1200 PCS/BOX.







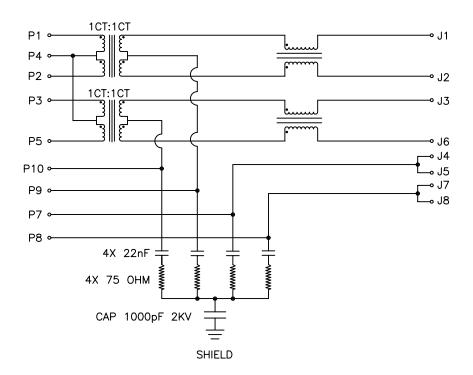


FINAL OUTLINE

PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,100P,1:1,TU	JXD1-0005NL-X1	_	1 OF 5	JXD1-0005NL	В







## **ELECTRONICAL SPECIFICATIONS:**

1.0 TURN RATIO @100KHz:  $(P1\sim P2):(J1\sim J2) = 1:1\pm 5\%$  $(P3\sim P5):(J3\sim J6) = 1:1\pm 5\%$ 

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

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

4.0 INSERTION LOSS: 1-100MHz -1.2dB MAX

5.0 RETURN LOSS: 1-30MHz -16dB MIN

30-60MHz -12dB MIN

60-80MHz -10dB MIN

6.0 CROSS TALK: 1-100MHz -30dB MIN

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

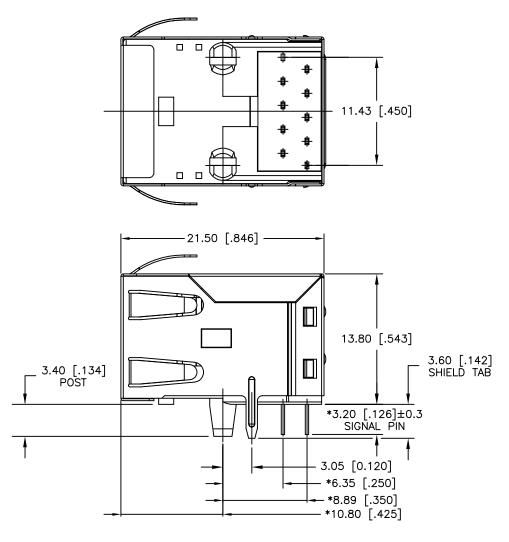
8.0 ISOLATION: PHY SIDE TO LINE SIDE: 1500VAC OR 2250VDC

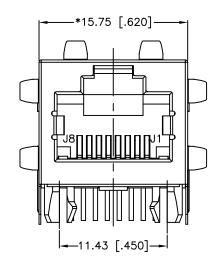
9.0 DC CURRENT/VOLTAGE RATING-PSE PINS: 350mA @57V(CONTINUOUS)

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CONN,RJ45,1X1,100P,1:1,TU	JXD1-0005NL-X1	_	2 OF 5	JXD1-0005NL	В







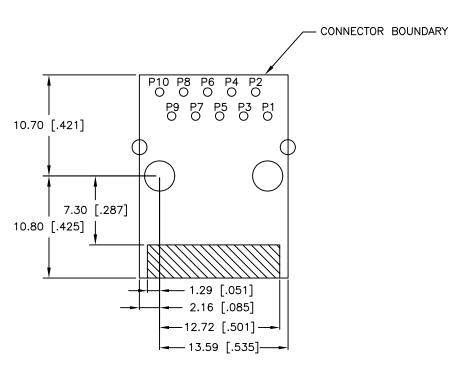


DIMENSIONS ARE IN MILLIMETERS [INCHES] WITH THE FOLLOWING TOLERANCES: [INCHES] ARE FOR REFERENCE ONLY.  $X.XX = \pm 0.25$  [ $\pm .010$ ]

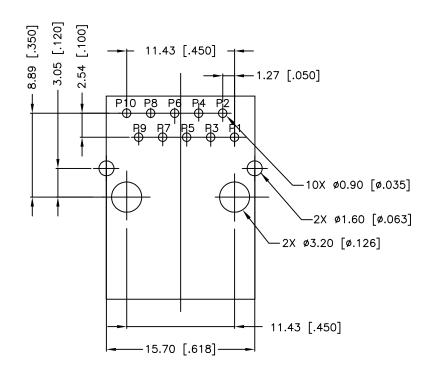
PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,100P,1:1,TU	JXD1-0005NL-X1	_	3 OF 5	JXD1-0005NL	В







KEEP-OUT AREA (COMPONENT SIDE SHOWN)



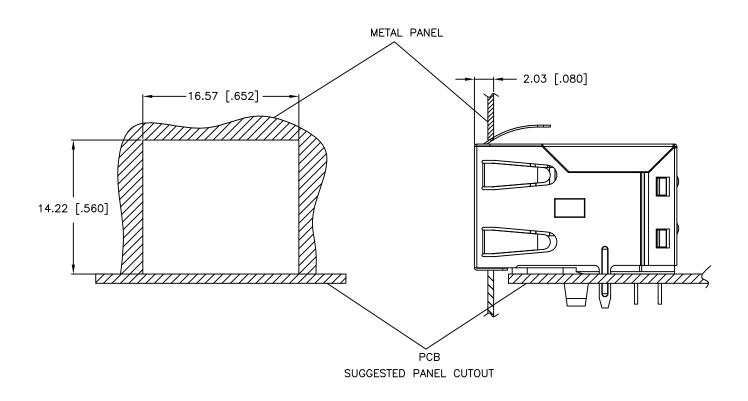
RECOMMENDED PWB LAYOUT (COMPONENT SIDE SHOWN)

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,RJ45,1X1,100P,1:1,TU	JXD1-0005NL-X1	_	4 OF 5	JXD1-0005NL	В







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,RJ45,1X1,100P,1:1,TU	JXD1-0005NL-X1	_	5 OF 5	JXD1-0005NL	В

## **Mouser Electronics**

**Authorized Distributor** 

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

Pulse:

JXD1-0005NL