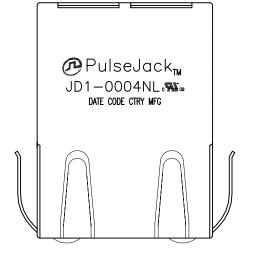
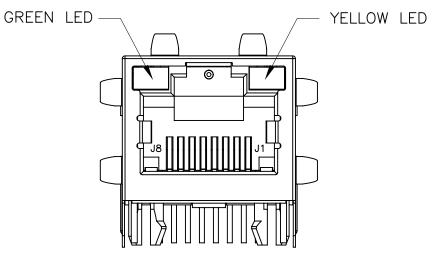


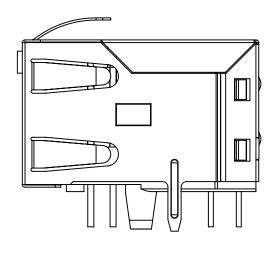


NOTES:

- 1. CONNECTOR MATERIAL: HOUISING:THERMOPLASTIC UL94 V-0 SHIELD:Brass SHIELD PLATING:NICKEL CONTACT:COOPER ALLOY 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 $T=0^{\circ}C$ TO $+70^{\circ}C$.
- 6. STORAGE TEMPERATURE $T=-40^{\circ}C$ TO $+85^{\circ}C$.
- 7. All CRITICAL DIMENSIONS WITH "*"
- 8. PACKAGING INFORMATION: 50 PCS/TRAY, 1200 PCS/BOX.







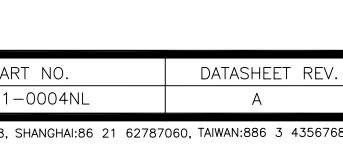
FINAL OUTLINE

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PAF
CONN,RJ45,1X1,100D,1:1,TU	JD1-0004NL-X1	_	1 OF 5	JD1-

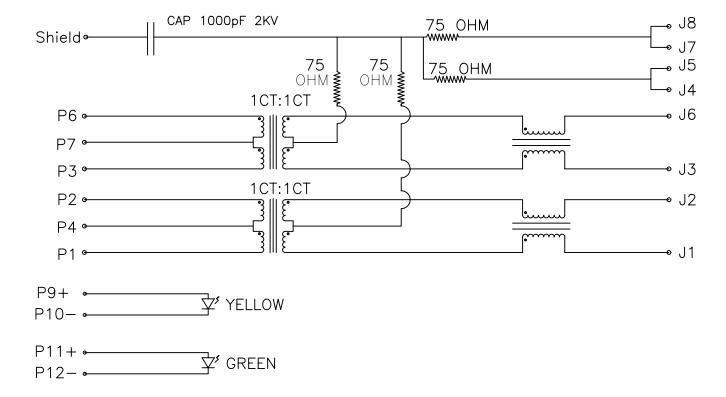
E-MAIL: PRODINFONETWORK@PULSEELECTRONICS.COM(US). ASIA@PUI SFFI FCTRONICS.COM(Asia)

PHONE: USA: 858 674 8100, GERMANY: 49 7032 78060, SINGAPORE: 65 6287 8998, SHANGHAI: 86 21 62787060, TAIWAN: 886 3 4356768









Electronical Specifications:

1.0	Turn Ratio @100K	Hz:	(P1	~P2):(J1
			(P3	~P6):(J3
2.0	Primary Inductance	e: 35	OuH	MIN	@10
3.0	DC Resistance:(J1r	~J2):((13~,	J6)	1.
4.0	Insertion Loss:	1-1	OOMF	Ηz	-1
5.0	Return Loss:	1-3 30-6	30МН 50МН		
		60-8			
6.0	CROSS TALK:	1 –	100M	1Hz	—,
7.0	COMMON TO COMM	ION N	10DE	ATT	ENU
8.0	Isolation: PHY Side	e to I	_ine	Side	: 15

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					

SCHEMATIC

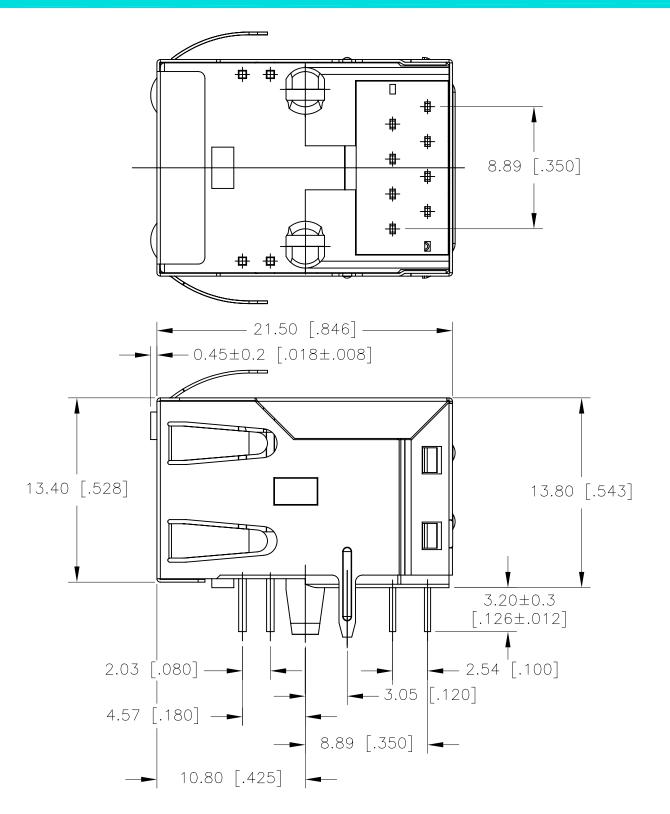
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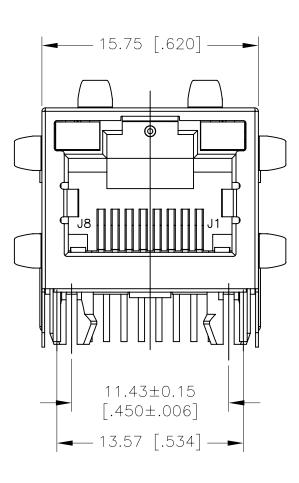
PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,100D,1:1,TU	JD1-0004NL-X1	—	2 OF 5	JD1-0004NL	А
E-MAIL: PRODINFONETWORK@PULSEELECTRONICS.COM(JS), ASIA@PUI SFFI FCTRONICS.COM(Asia)	PHONE: USA:858 674 8100, GERMANY:49	7032 78060, SINGAPORE:6	5 6287 8998, SHANGHAI:86 21 62787	7060, TAIWAN:886 3 4356768

 $J1 \sim J2) = 1:1 \pm 5\%$ $|3\sim J6) = 1:1\pm 5\%$ 00KHZ,0.1V 8mA DC BIAS .2 OHMS MAX I.2dB MAX 6dB MIN 2dB MIN IOdB MIN -30dB MIN JATION: 1-100MHz -30dB MIN 500VAC or 2250VDC









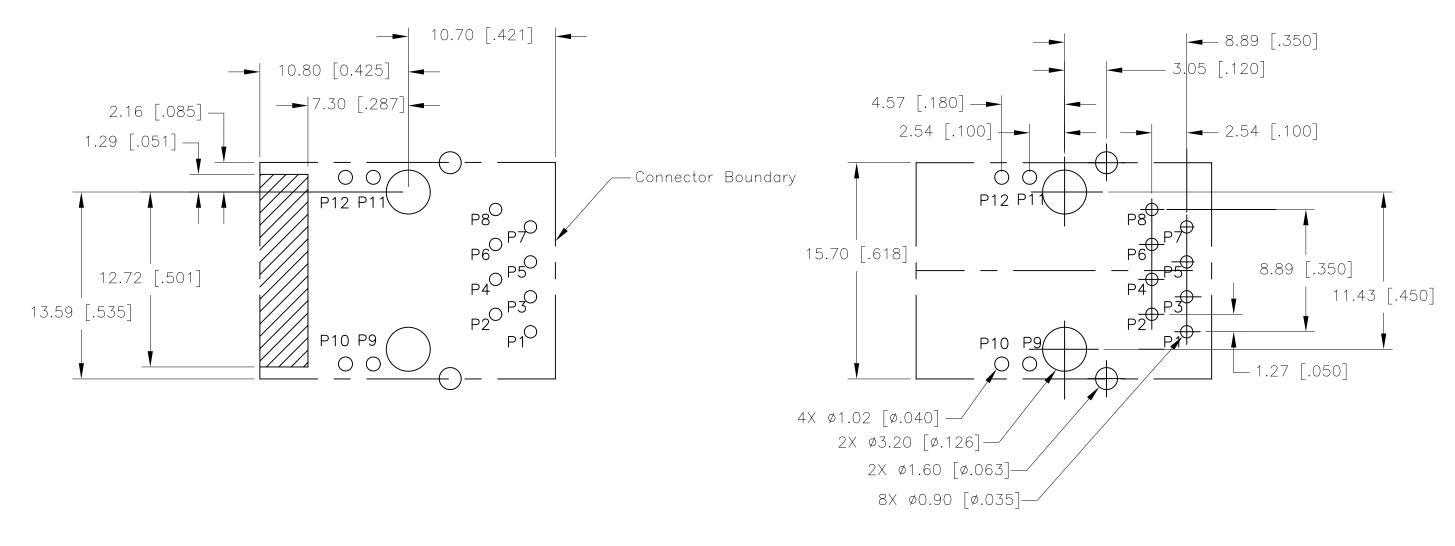
DIMENSIONS ARE IN MILLIMETERS [INCHES] WITH THE FOLLOWING TOLERANCES: [INCHES] ARE FOR REFERENCE ONLY. $X.XX = \pm 0.25 [\pm .010]$

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,100D,1:1,TU	JD1-0004NL-X1	_	3 OF 5	JD1-0004NL	А
E-MAIL: PRODINFONETWORK@PULSEELECTRONICS.COM(PHONE: USA:858 674 8100, GERMANY:49 7032	78060, SINGAPORE	E:65 6287 8998, SHANGHAI:86 21 62787	7060, TAIWAN:886 3 4356768	







KEEP-OUT AREA (COMPONENT SIDE SHOWN)

RECOMMENDED PWB LAYOUT (COMPONENT SIDE SHOWN)

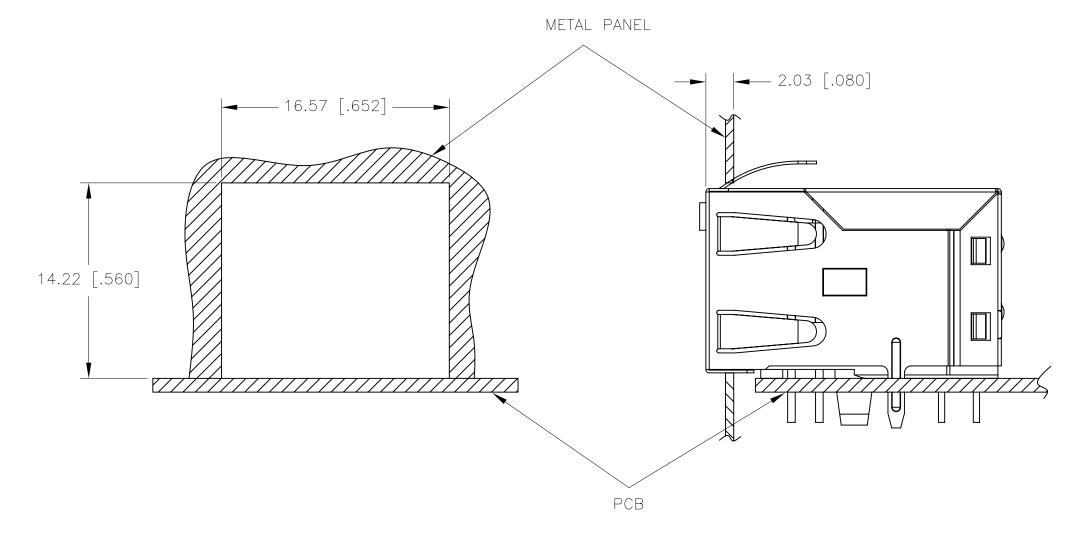
DIMENSIONS ARE IN MILLIMETERS [INCHES] WITH THE FOLLOWING TOLERANCES: [INCHES] ARE FOR REFERENCE ONLY. $X.XX = \pm 0.10 [\pm .004]$

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,100D,1:1,TU	JD1-0004NL-X1	_	4 OF 5	JD1-0004NL	A
E-MAIL: PRODINFONETWORK@PULSEELECTRONICS.COM(US). ASIA@PUI SFFI FCTRONICS.COM(Asia) PHONE: USA:858 674 8100, GERMANY:49 7032 78060, SINGAPORE:65 6287 8998, SHANGHAI:86 21 62787060, TAIWAN:886 3 4356768					







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,TU	JD1-0004NL-X1	—	5 OF 5	JD1-0004NL	A
E-MAIL: PRODINFONETWORK@PULSEELECTRONICS.COM(US). ASIA@PUI SFFI FCTRONICS.COM(Asia) PHONE: USA:858 674 8100, GERMANY:49 7032 78060, SINGAPORE:65 6287 8998, SHANGHAI:86 21 62787060, TAIWAN:886 3 4356768					

Ε

Mouser Electronics

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Pulse: JD1-0004NL