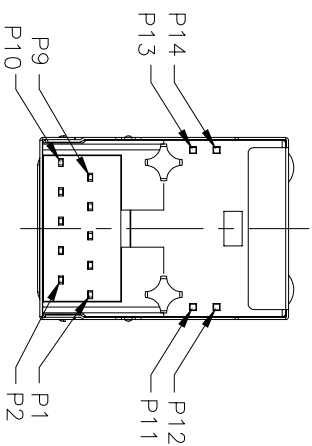
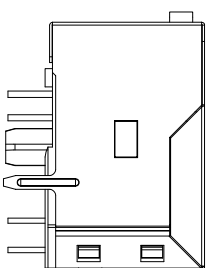
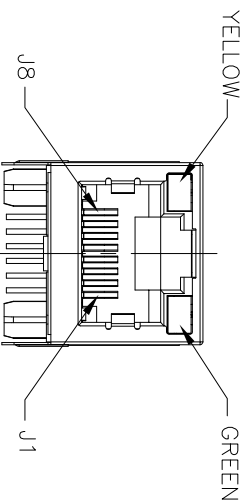
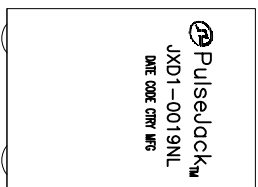


NOTES:

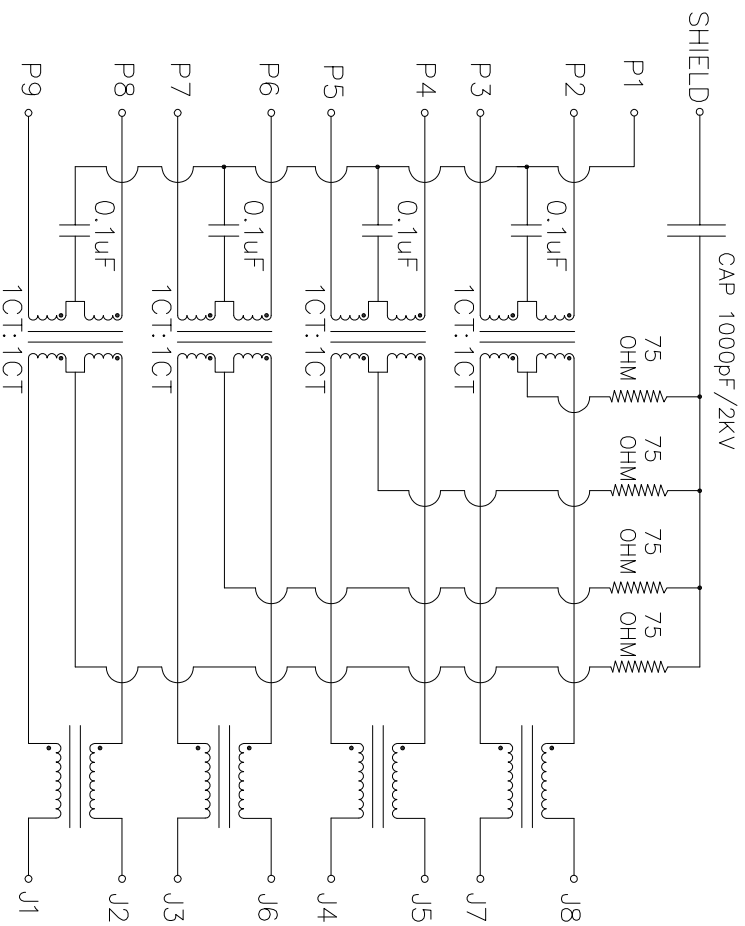
- CONNECTOR MATERIAL:  
HOUSING:THERMOPLASTIC BLACK UL94 V-0  
SHIELD:BRASS  
SHIELD PLATING:NICKEL  
CONTACT:PHOSPHOR BRONZE  
CONTACT PLATING: SELECTIVE GOLD, 30 MICRO-INCHS MIN IN CONTACT AREA
- PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED SEE ELECTRICAL DRAWING FOR OMITTED PINS
- RJ45 CAVITIES CONFORM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



FINAL OUTLINE

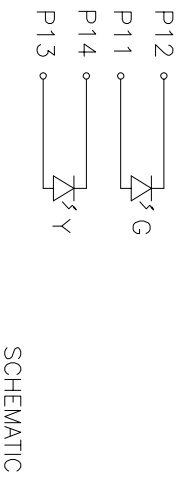
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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,1GD,1:1,TU	JXD1-0019NL-X1	-	1 OF 5	JXD1-0019NL	A



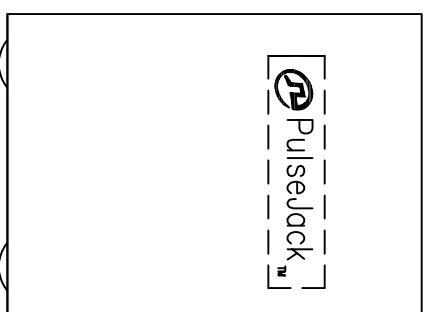
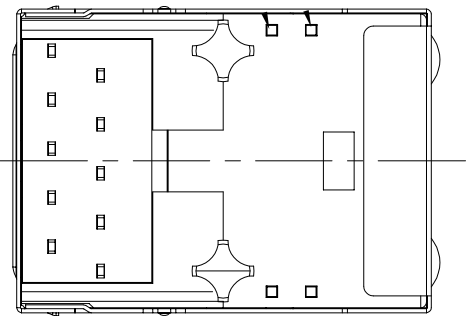
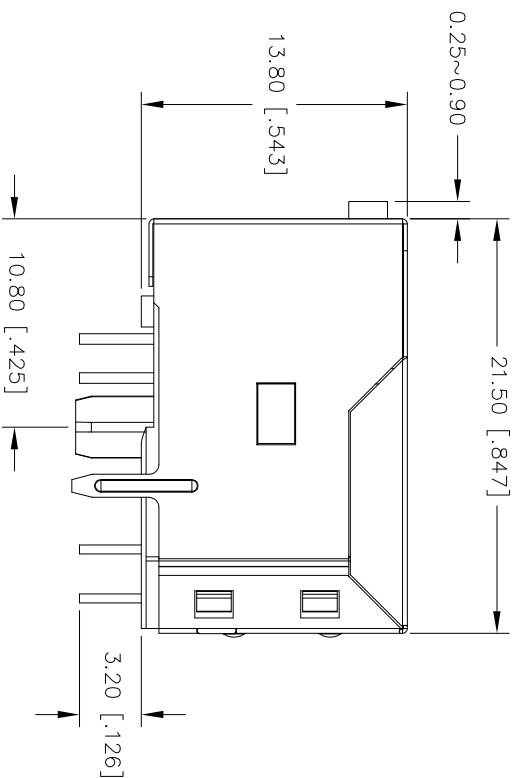
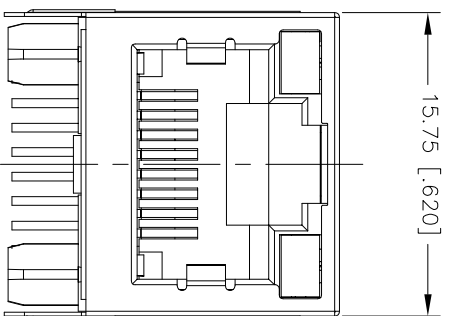
ELECTRONICAL SPECIFICATIONS:

- 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%
  - PRIMARY INDUCTANCE: 350uH MIN @100KHZ,0.1V 8mA DC BIAS
  - DC RESISTANCE: 1.2 OHMS MAX
  - INSERTION LOSS: 1-100MHZ -1.0dB MAX  
100-125MHZ -1.2dB MAX
  - RETURN LOSS: 1-40MHZ -16dB MIN  
40-60MHZ -12dB MIN  
60-80MHZ -10dB MIN  
80-100MHZ -8dB MIN
  - CROSS TALK: 1-100MHZ -30dB MIN
  - COMMON TO COMMON MODE ATTENUATION: 1-100MHZ -30dB MIN
  - 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,RJ45,1X1,1GD,1:1,TU	JXD1-0019NL-X1	-	2 OF 5	JXD1-0019NL	A

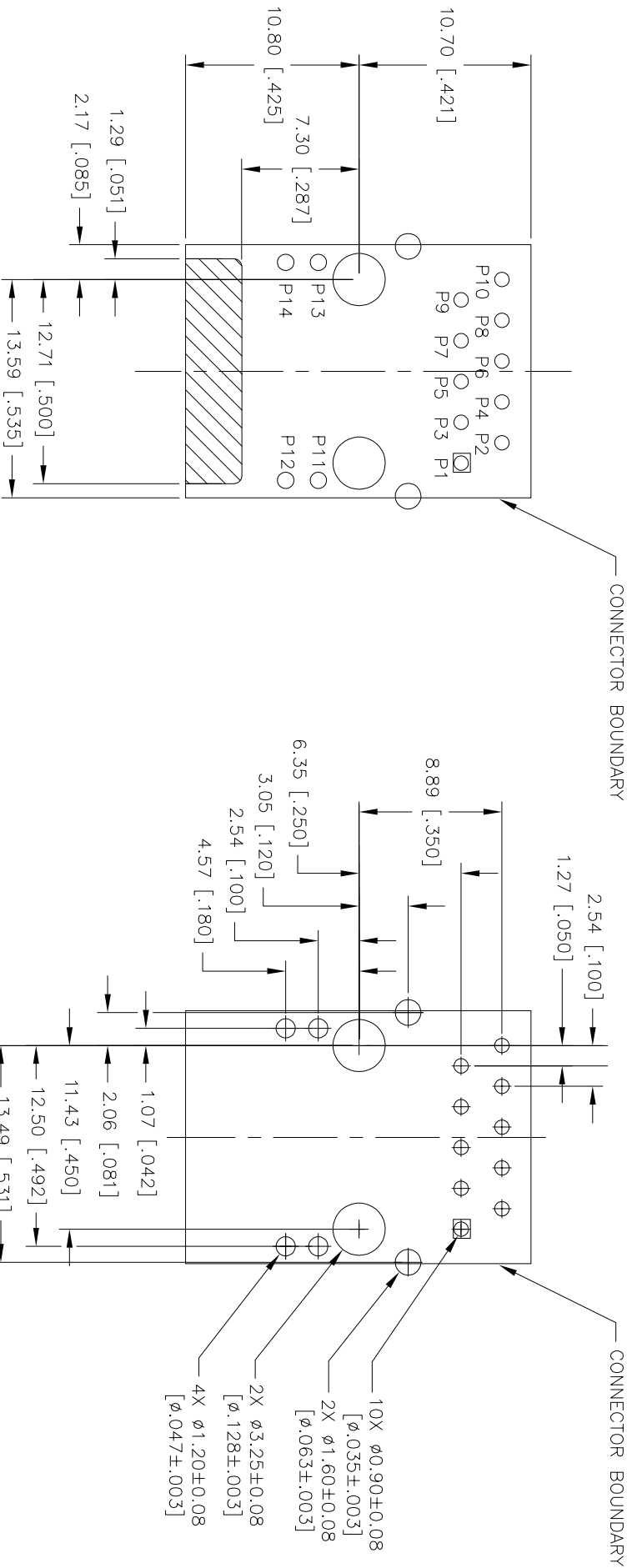


DIMENSIONS ARE IN MILLIMETERS [INCHES] WITH THE FOLLOWING  
TOLERANCES: [INCHES] ARE FOR REFERENCE ONLY.  
X:XX = ±0.25 [±.010]

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,1GD,1:1,TU	JXD1-0019NL-X1	-	3 OF 5	JXD1-0019NL	A

E-MAIL: PRODINFONETWORK@PULSEELECTRONICS.COM(US), ASIA@PULSEELECTRONICS.COM(ASIA) PHONE: USA:858 674 8100, GERMANY:49 7032 78060, SINGAPORE:65 6287 8998, SHANGHAI:86 21 62787060, TAIWAN:886 3 4356788



KEEP-OUT AREA (COMPONENT SIDE SHOWN)

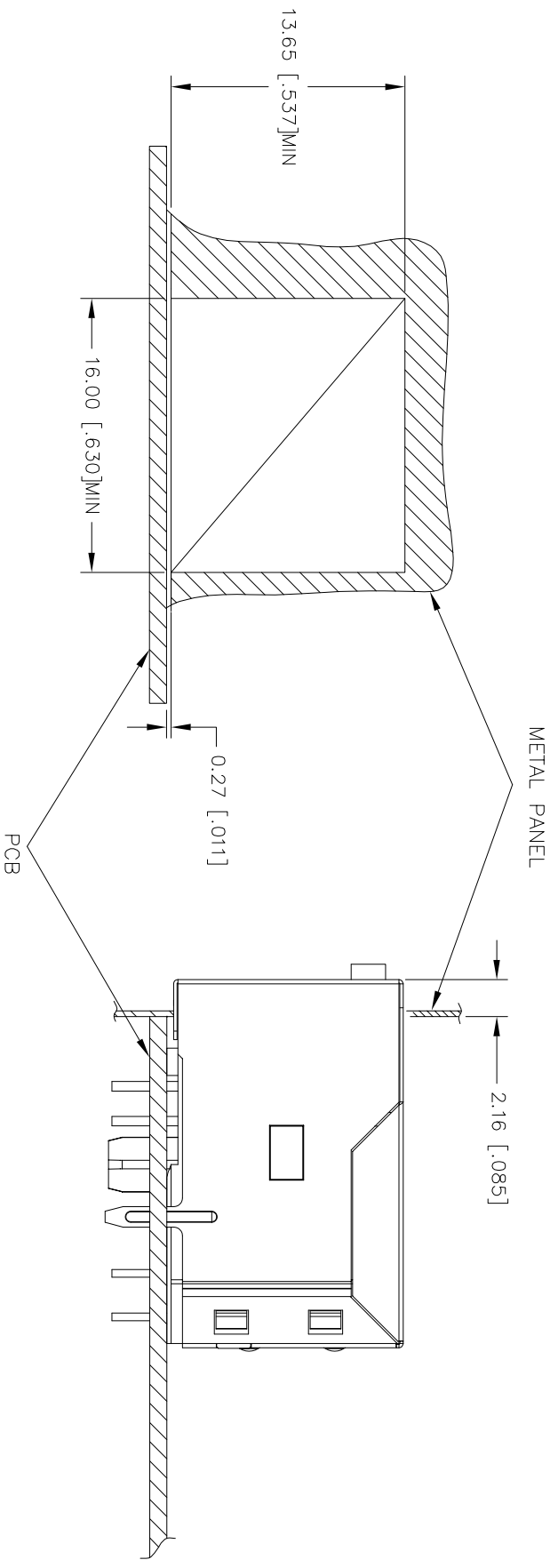
RECOMMENDED PWB LAYOUT  
(COMPONENT SIDE SHOWN)

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,RJ45,1X1,1GD,1:1,TU	JXD1-0019NL-X1	-	4 OF 5	JXD1-0019NL	A

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SUGGESTED PANEL CUTOUT

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

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,1GD,1:1,TU	JXD1-0019NL-X1	-	5 OF 5	JXD1-0019NL	A

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