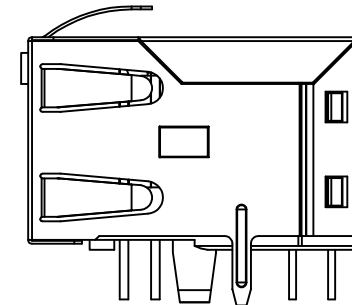
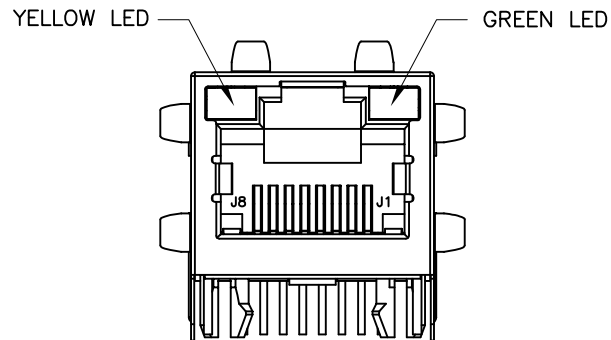
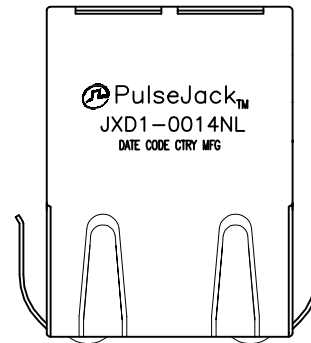


NOTES:

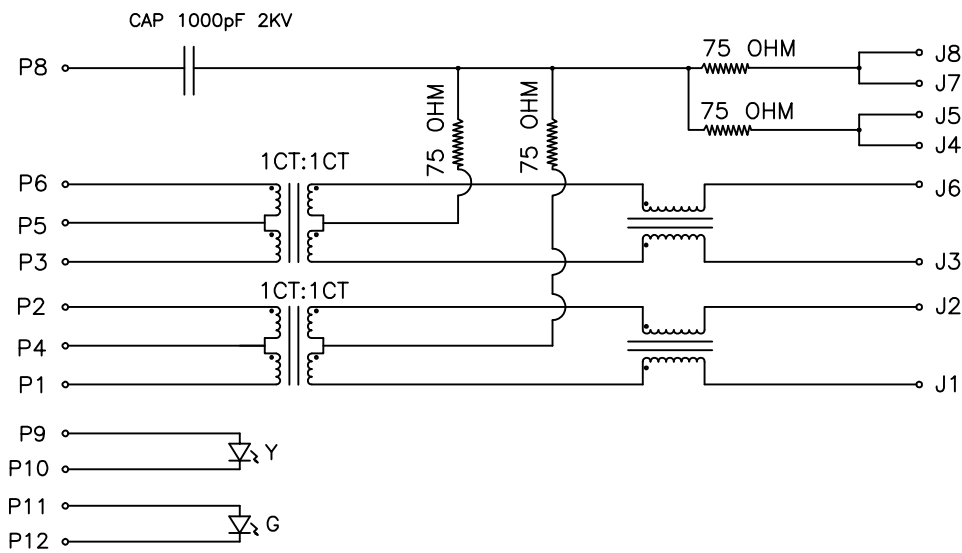
- CONNECTOR MATERIAL:
HOUSING:PA66 BLACK UL94 V-0
INSERTER:PBT BLACK UL94 V-0
SHIELD:Brass
SHIELD PLATING:NICKEL
CONTACT:COOPER ALLOY
CONTACT PLATING: SELECTIVE GOLD, 30 MICRO-INCHS MIN
IN CONTACT AREA
- PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED SEE
ELECTRICAL DRAWING FOR OMITTED PINS
- RJ45 CAVITIES 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.
- 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	JXD1-0014NL-11	-	1 OF 5	JXD1-0014NL	B



SCHEMATIC

ELECTRONICAL SPECIFICATIONS:

- TURN RATIO @100KHz: (P1~P2):(J1~J2) = 1:1±5%
(P3~P6):(J3~J6) = 1:1±5%
- PRIMARY INDUCTANCE: 350uH MIN @100KHZ,0.1V 8mA DC BIAS
- DC RESISTANCE:(J1~J2):(J3~J6) 1.2 OHMS MAX
- INSERTION LOSS: 1-100MHz -1.2dB MAX
- RETURN LOSS: 1-30MHz -16dB MIN
30-60MHz -12dB MIN
60-80MHz -10dB MIN
- CROSS TALK: 1-100MHz -30dB MIN
- COMMON TO COMMON MODE ATTENUATION: 1-100MHz -30dB MIN
- ISOLATION: PHY SIDE TO LINE SIDE: 1500VAC OR 2250VDC

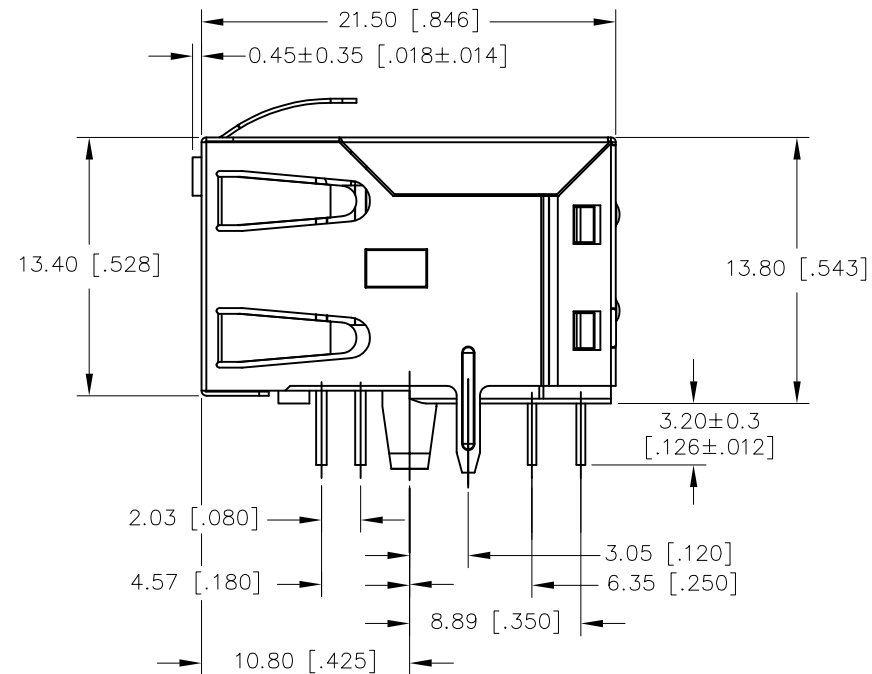
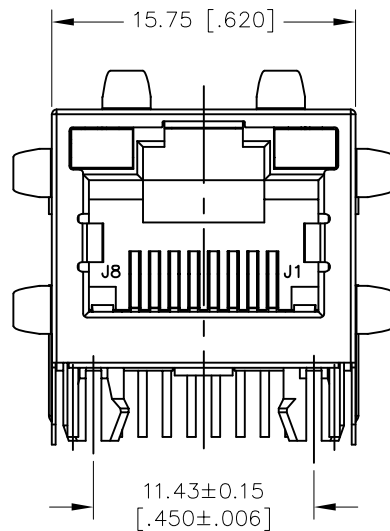
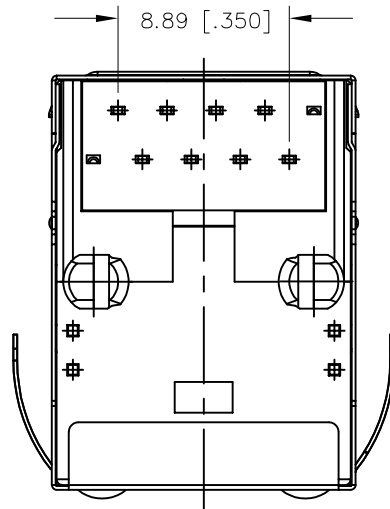
LED SPECIFICATION

STANDARD LED	WAVELENGTH	FORWARD (MAX)	TYP
GREEN	565nm	2.4V	2.2V
YELLOW	630nm	2.6V	2.2V

*WITH A FORWARD CURRENT OF 20mA

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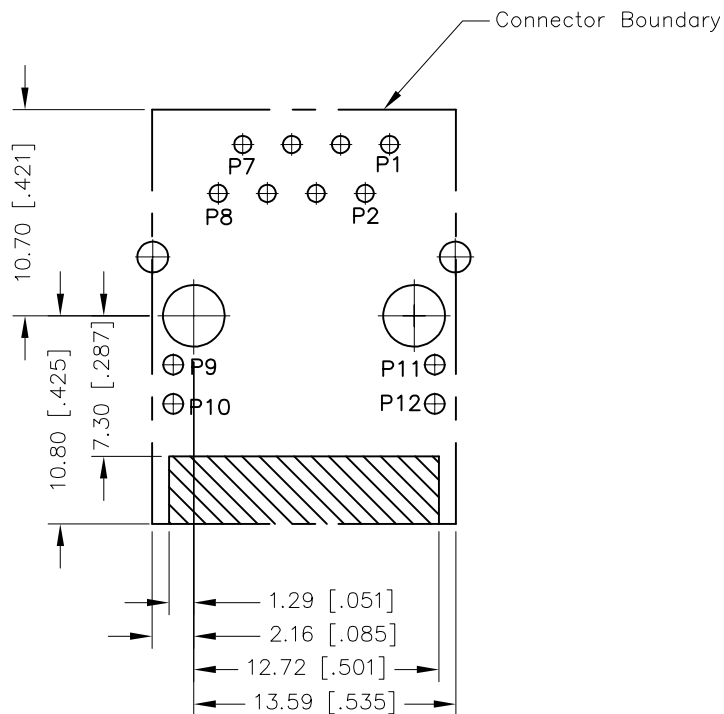
PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,100D,1:1,TY	JXD1-0014NL-11	-	2 OF 5	JXD1-0014NL	B



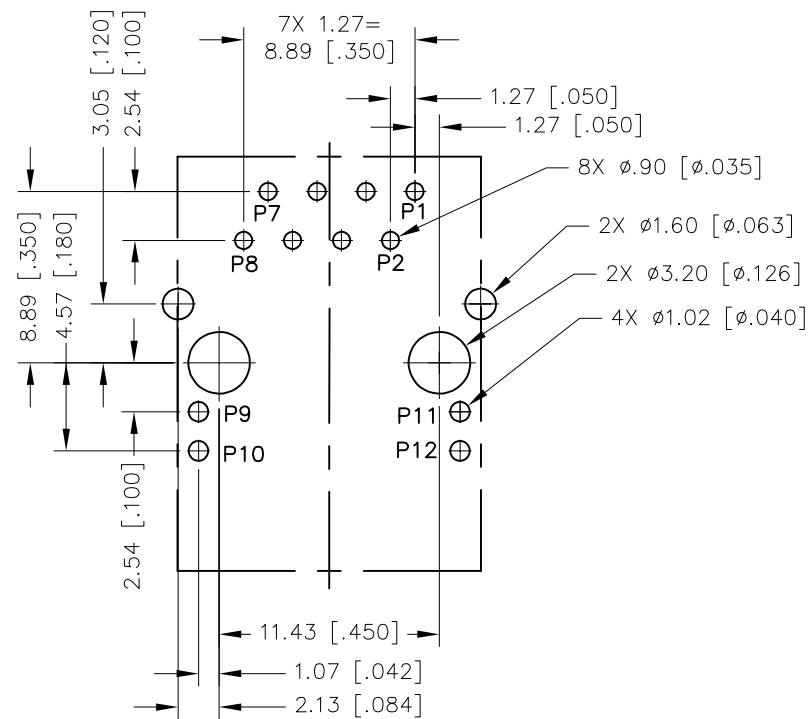
DIMENSIONS ARE IN MILLIMETERS [INCHES] WITH THE FOLLOWING
TOLERANCES: [INCHES] ARE FOR REFERENCE ONLY.
X.XX= ± 0.25 [± 0.010]

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,100D,1:1,TY	JXD1-0014NL-11	-	3 OF 5	JXD1-0014NL	B



KEEP-OUT AREA (COMPONENT SIDE SHOWN)

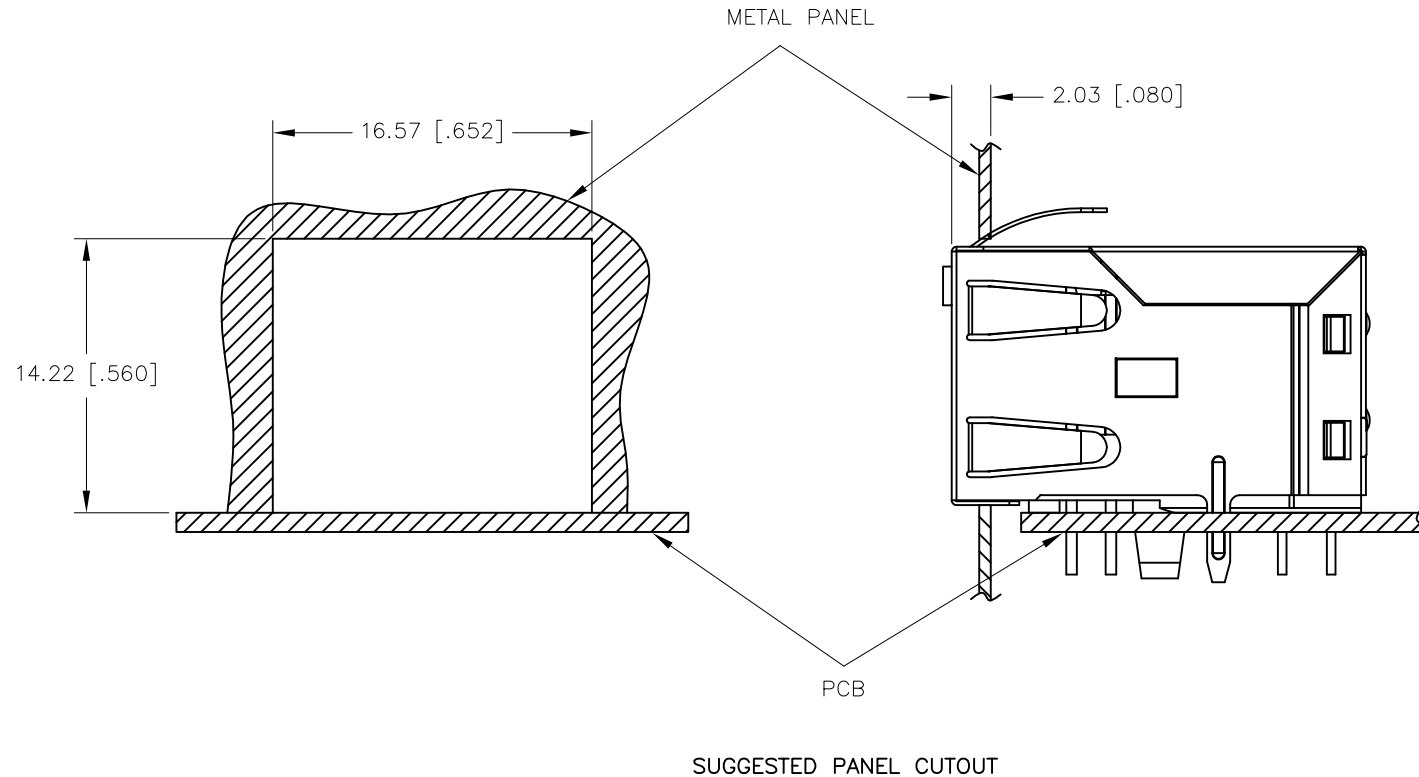


RECOMMENDED PWB LAYOUT
(COMPONENT SIDE SHOWN)

DIMENSIONS ARE IN MILLIMETERS [INCHES] WITH THE FOLLOWING
TOLERANCES: [INCHES] ARE FOR REFERENCE ONLY.
X.XX= ± 0.10 [± 0.004]

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,100D,1:1,TY	JXD1-0014NL-11	-	4 OF 5	JXD1-0014NL	B



DIMENSIONS ARE IN MILLIMETERS [INCHES] WITH THE FOLLOWING
TOLERANCES: [INCHES] ARE FOR REFERENCE ONLY.
X.XX= ± 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	JXD1-0014NL-11	—	5 OF 5	JXD1-0014NL	B

Mouser Electronics

Authorized Distributor

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[JXD1-0014NL](#)