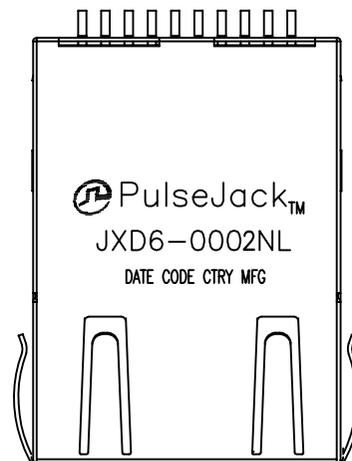


NOTES:

1. CONNECTOR MATERIAL:  
 HOUSING:LCP BLACK UL94 V-0  
 INSERTER:LCP BLACK UL94 V-0  
 SHIELD:BRASS  
 SHIELD PLATING:NICKEL  
 CONTACT:COOPER ALLOY  
 CONTACT PLATING:SELECTIVE GOLD,15MICRO-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. OPERATING TEMPERATURE T=-40°C TO +85°C.
5. STORAGE TEMPERATURE T=-40°C TO +85°C.
6. COMPLIANCE TO J-STD:
  - A. J-STD-020: LEVEL 1, NO MOISTURE SENSITIVE
  - B. REFLOW PROFILE PEAK TEMPERATURE 245°C MAX/8 SECONDS



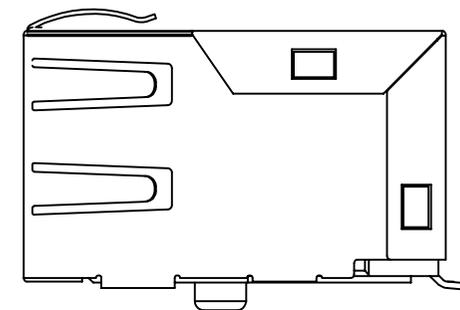
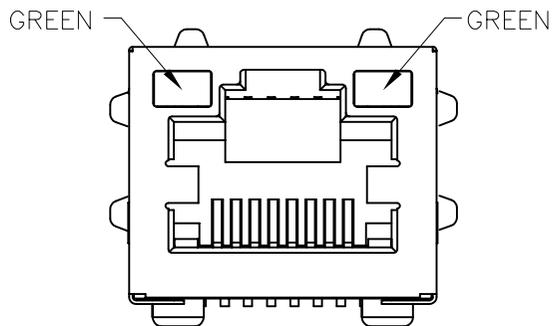
TO ORDER IN TAPE AND REEL ADD THE LETTER "T" TO THE ORDERING CODE eg. JXD6-0001NL BECOMES JXD6-0001NLT

PACKING SPECIFICATION

REEL DIAMETER ..... 330.0mm  
 TAPE WIDTH ..... 44.0mm  
 POCKET PITCH ..... 32.0mm

QUANTITY PER REEL ..... 75 pcs

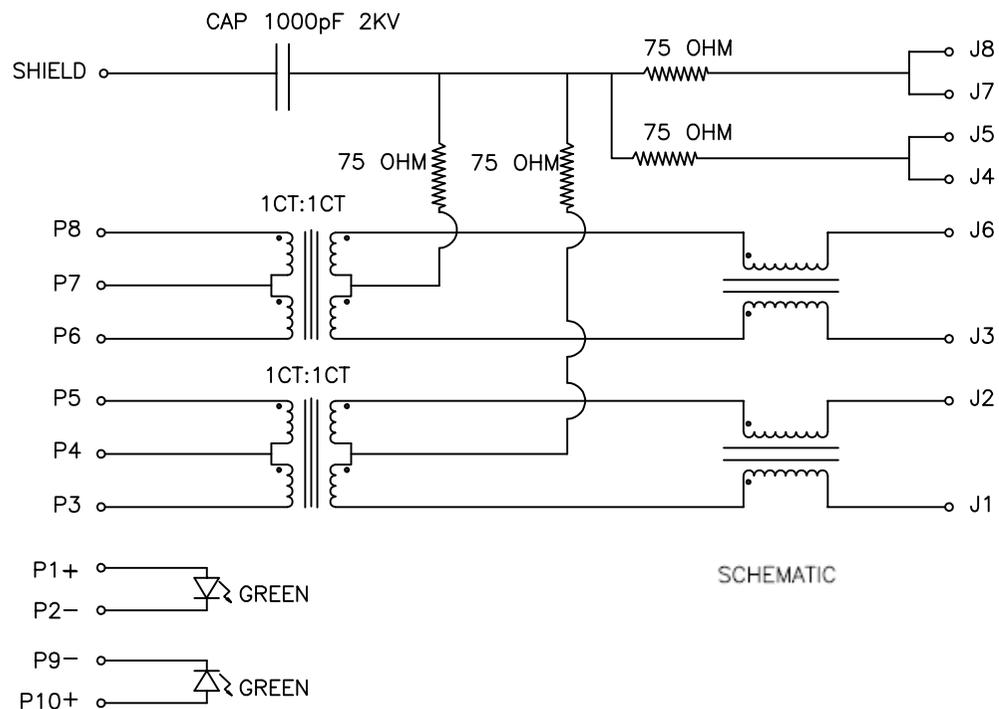
COMPONENT WEIGHT ..... 8.1 grams



FINAL OUTLINE

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,100D,1:1,TY	JXD6-0002NL-X1	PS-XXXX	1 OF 4	JXD6-0002NL	P1



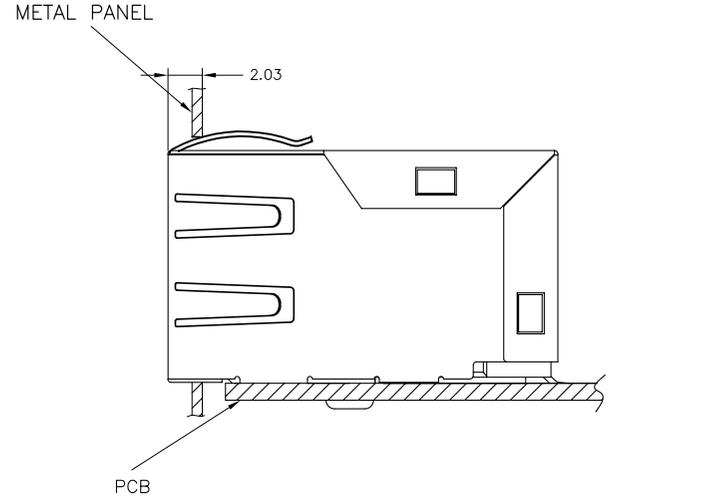
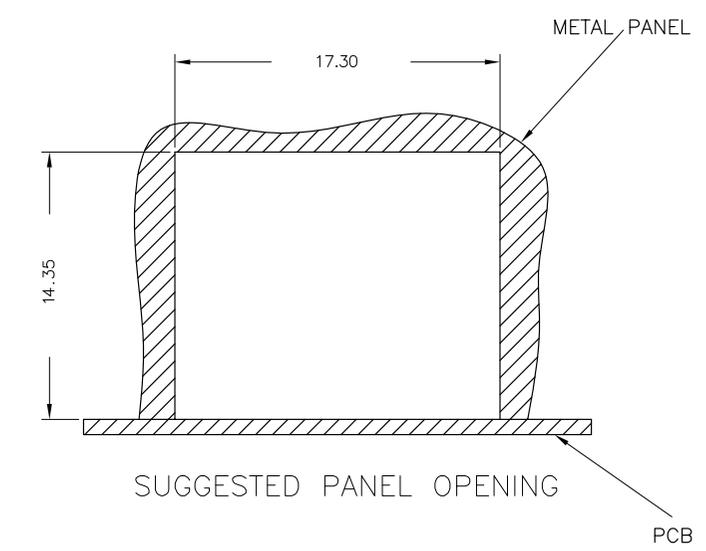
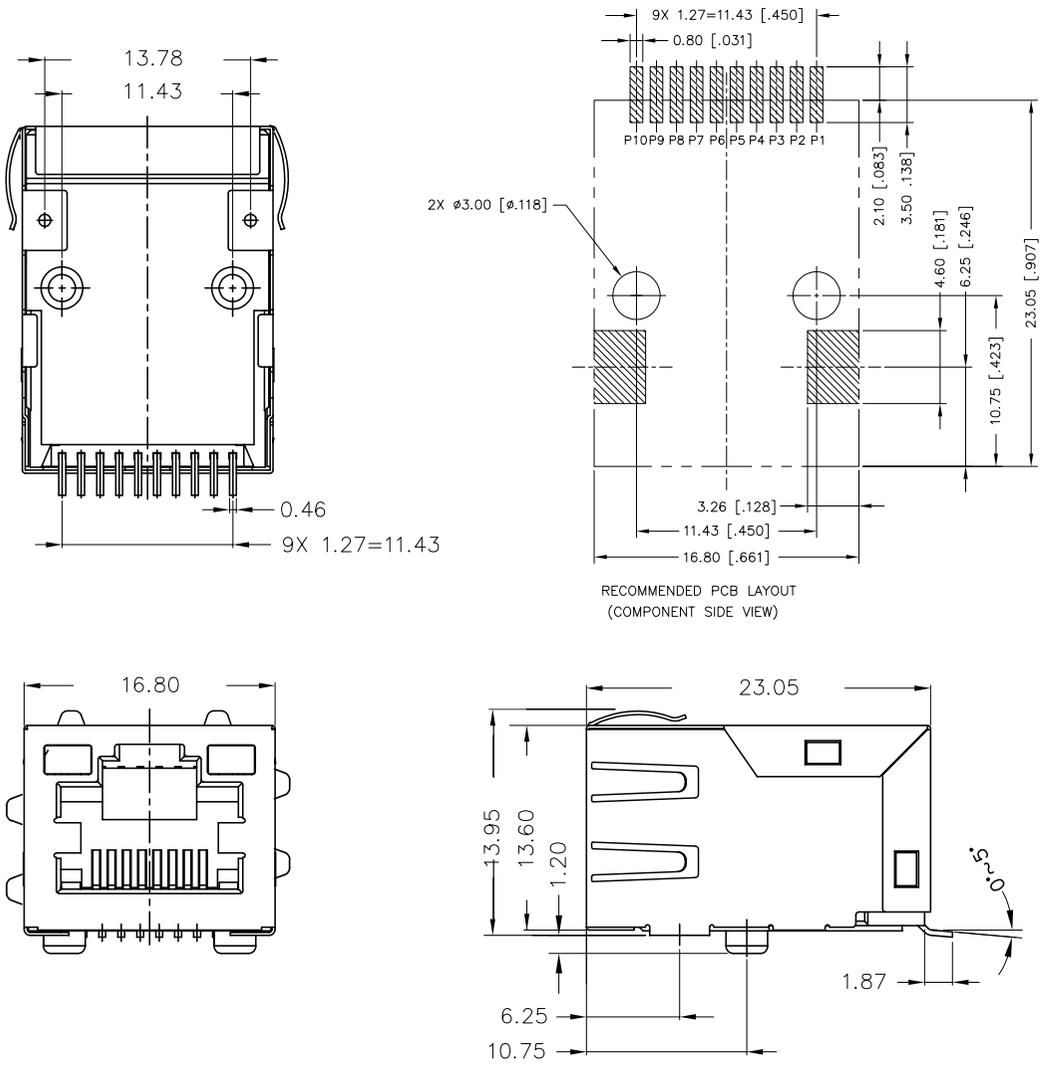
ELECTRONICAL SPECIFICATIONS:

- 1.0 TURN RATIO @100KHz: (P4~P5):(J1~J2) = 1:1±5%  
(P6~P7):(J3~J6) = 1:1±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: 2250VDC

STANDARD LED	WAVELENGTH	FORWARD CURRENT	FORWARD V (MAX)	TYP
GREEN	565nm	20 mA	2.4V	2.2V

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CONN,RJ45,1X1,100D,1:1,TY	JXD6-0002NL-X1	PS-XXXX	2 OF 4	JXD6-0002NL	P1

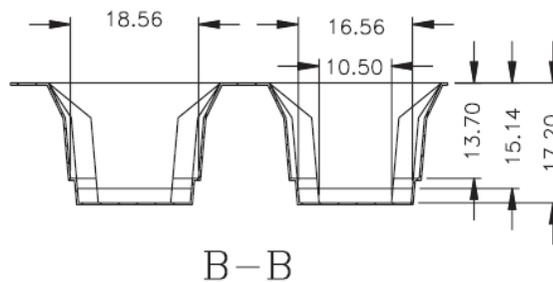
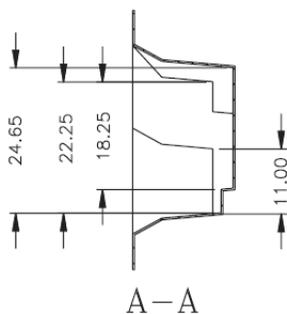
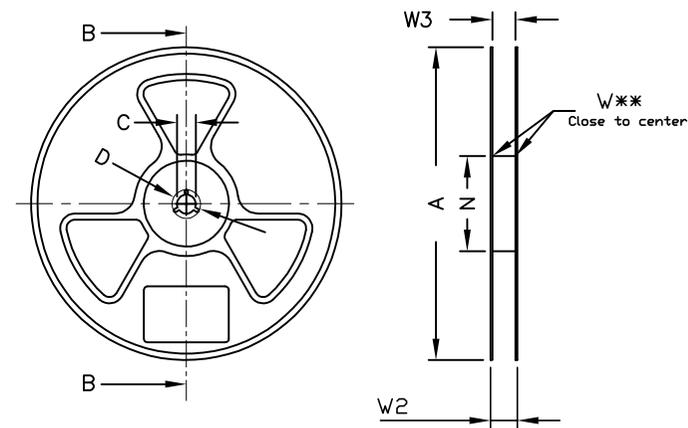
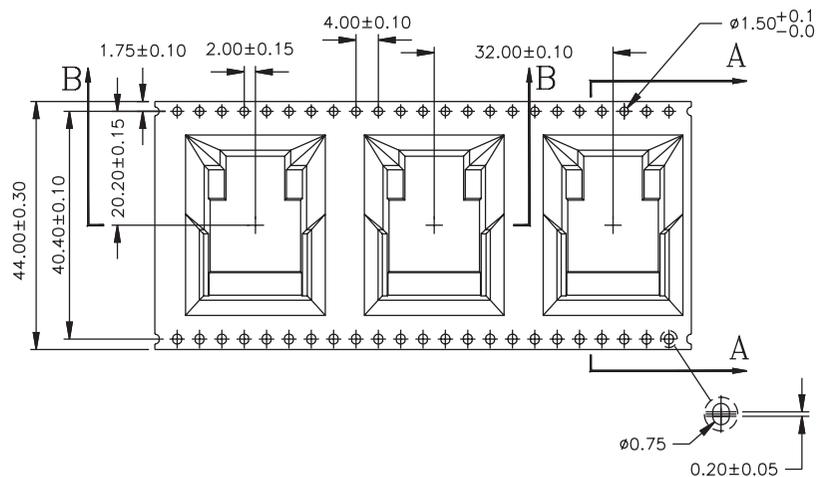


DIMENSIONS ARE IN MILLIMETERS [INCHES] WITH THE FOLLOWING TOLERANCES: [INCHES] ARE FOR REFERENCE ONLY. X.XX = ±0.25 [±.010]

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,RJ45,1X1,100D,1:1,TY	JXD6-0002NL-X1	PS-XXXX	3 OF 4	JXD6-0002NL	P1



	A	B	C	D	N	W1	W2	W3	W3	
Tolerance		min.	±0.8	min.	min.	+1.5	max.	min.	max.	
Tape width	mm	330.00	1.50	13.00	20.20	100.00	16.4	50.4	44.4	46.39

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,RJ45,1X1,100D,1:1,TY	JXD6-0002NL-X1	PS-XXXX	4 OF 4	JXD6-0002NL	P1

# Mouser Electronics

Authorized Distributor

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[JXD6-0002NL](#)