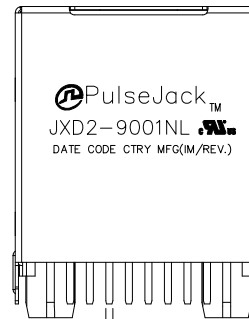
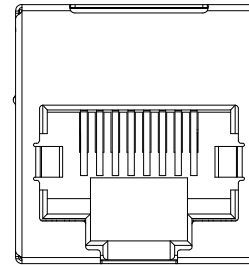
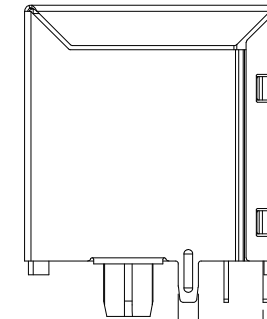


NOTES:

- 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, 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 IR REFLOW PROCESS PEAK SOLDERING TEMPERATURE IS 245°C MAX, 10 SECS MAX
- OPERATING TEMPERATURE T=-40°C TO +85°C.
- STORAGE TEMPERATURE T=-40°C TO +85°C.

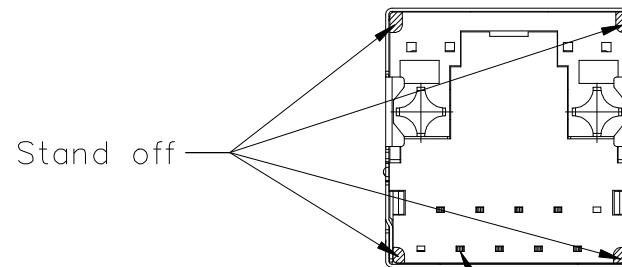


0.45 [.018]



0.35 [.014]

1.30 [.051]
THICKNESS 0.20 [.008]

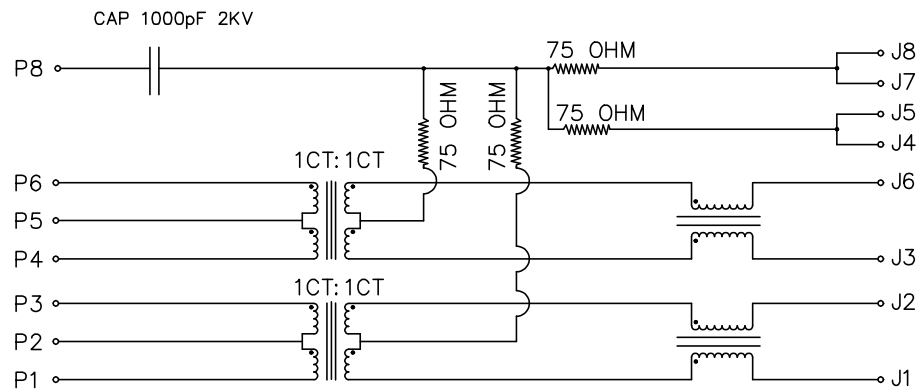


SIGNAL PIN
0.35 [.014]*0.45 [.018]

FINAL OUTLINE

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,100D,1:1,TU	JXD2-9001NL-P1	-	1 OF 6	JXD2-9001NL	C



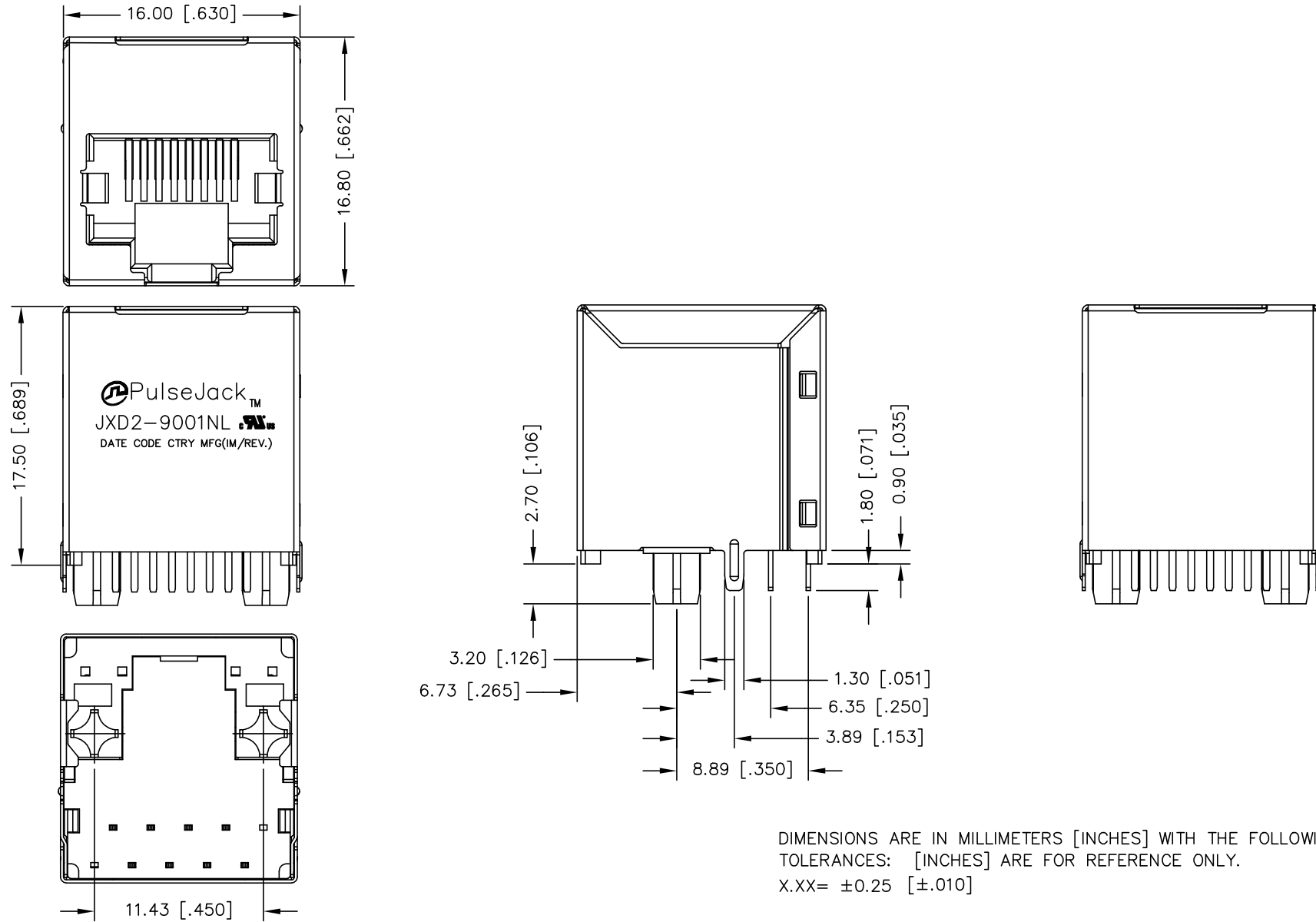
SCHEMATIC

ELECTRONICAL SPECIFICATIONS:

1. TURN RATIO @100KHz: (P1~P3):(J1~J2) = 1:1±5%
(P4~P6):(J3~J6) = 1:1±5%
2. PRIMARY INDUCTANCE: 350uH MIN @100KHZ,0.1V 8mA DC BIAS
3. DC RESISTANCE:(J1~J2):(J3~J6) 1.2 OHMS MAX
4. INSERTION LOSS: 1-100MHz -1.2dB MAX
5. RETURN LOSS: 1-30MHz -16dB MIN
30-60MHz -12dB MIN
60-80MHz -10dB MIN
6. CROSS TALK: 1-100MHz -30dB MIN
7. COMMON TO COMMON MODE ATTENUATION: 1-100MHz -30dB MIN
8. ISOLATION: PHY SIDE TO LINE SIDE: 1500VAC OR 2250VDC

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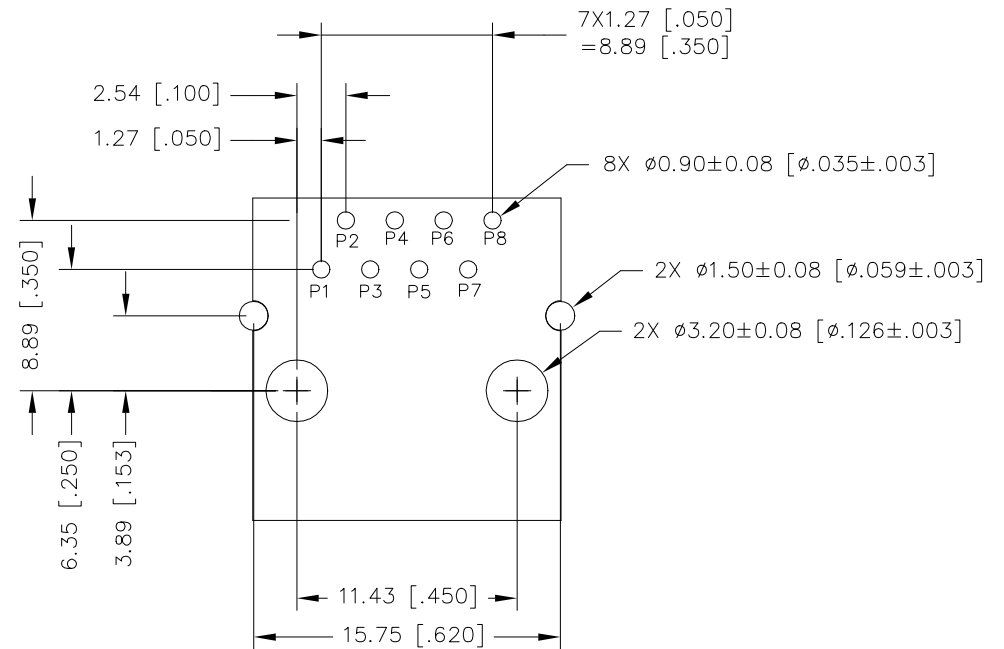
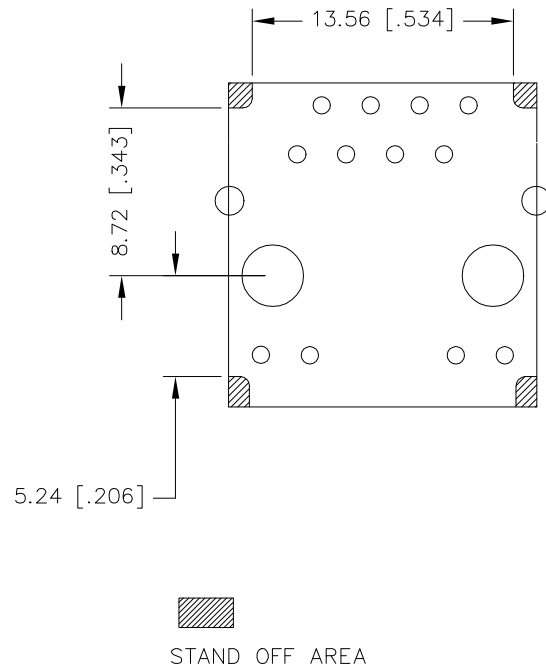
PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,100D,1:1,TU	JXD2-9001NL-P1	-	2 OF 6	JXD2-9001NL	C



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,TU	JXD2-9001NL-P1	-	3 OF 6	JXD2-9001NL	C

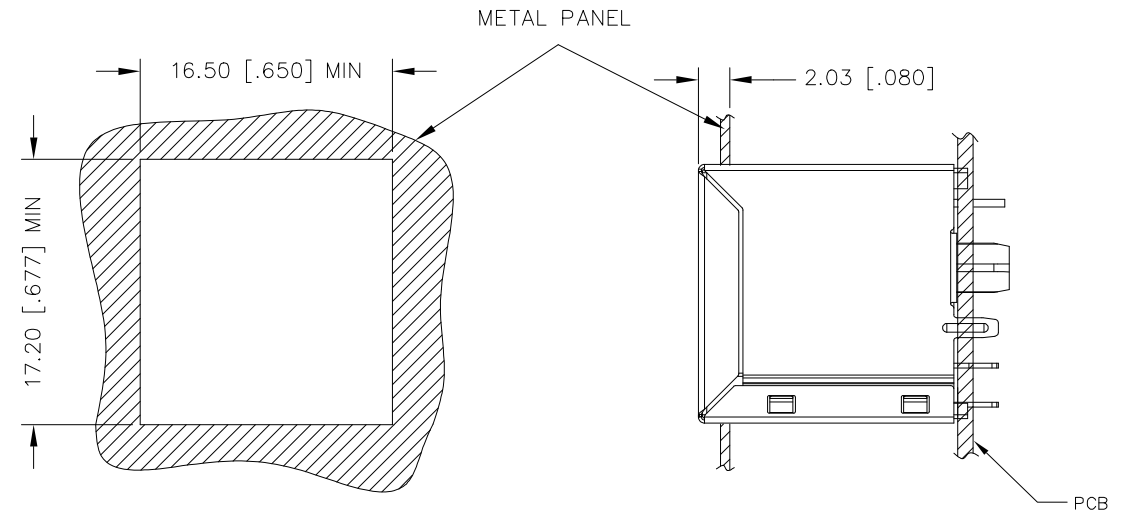
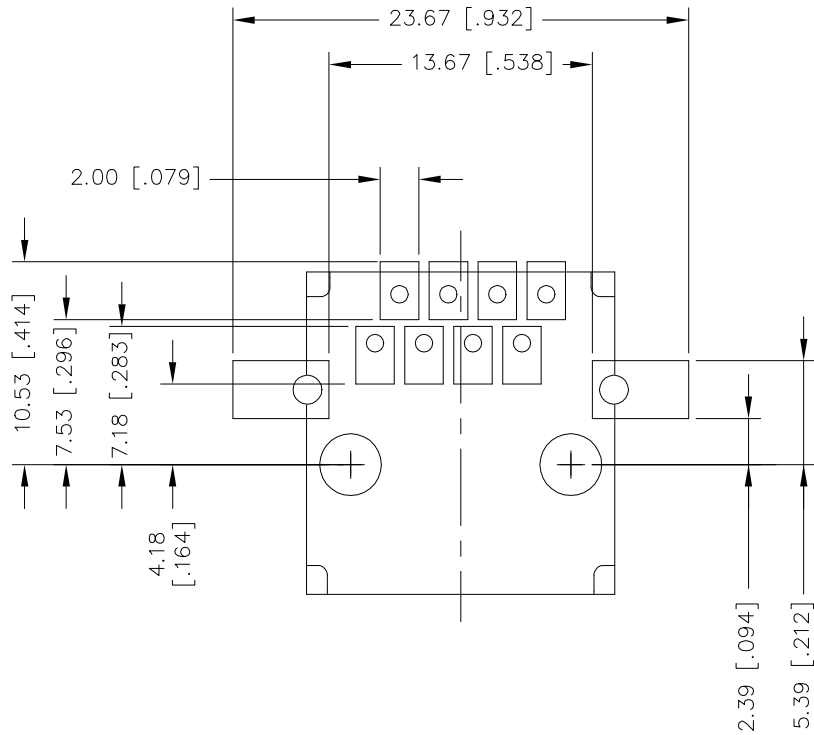


DIMENSIONS ARE IN MILLIMETERS [INCHES] WITH THE FOLLOWING TOLERANCES: [INCHES] ARE FOR REFERENCE ONLY.
X.XX= ± 0.10 [$\pm .004$]

RECOMMENDED PWB LAYOUT
(COMPONENT SIDE SHOWN)

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,100D,1:1,TU	JXD2-9001NL-P1	-	4 OF 6	JXD2-9001NL	C

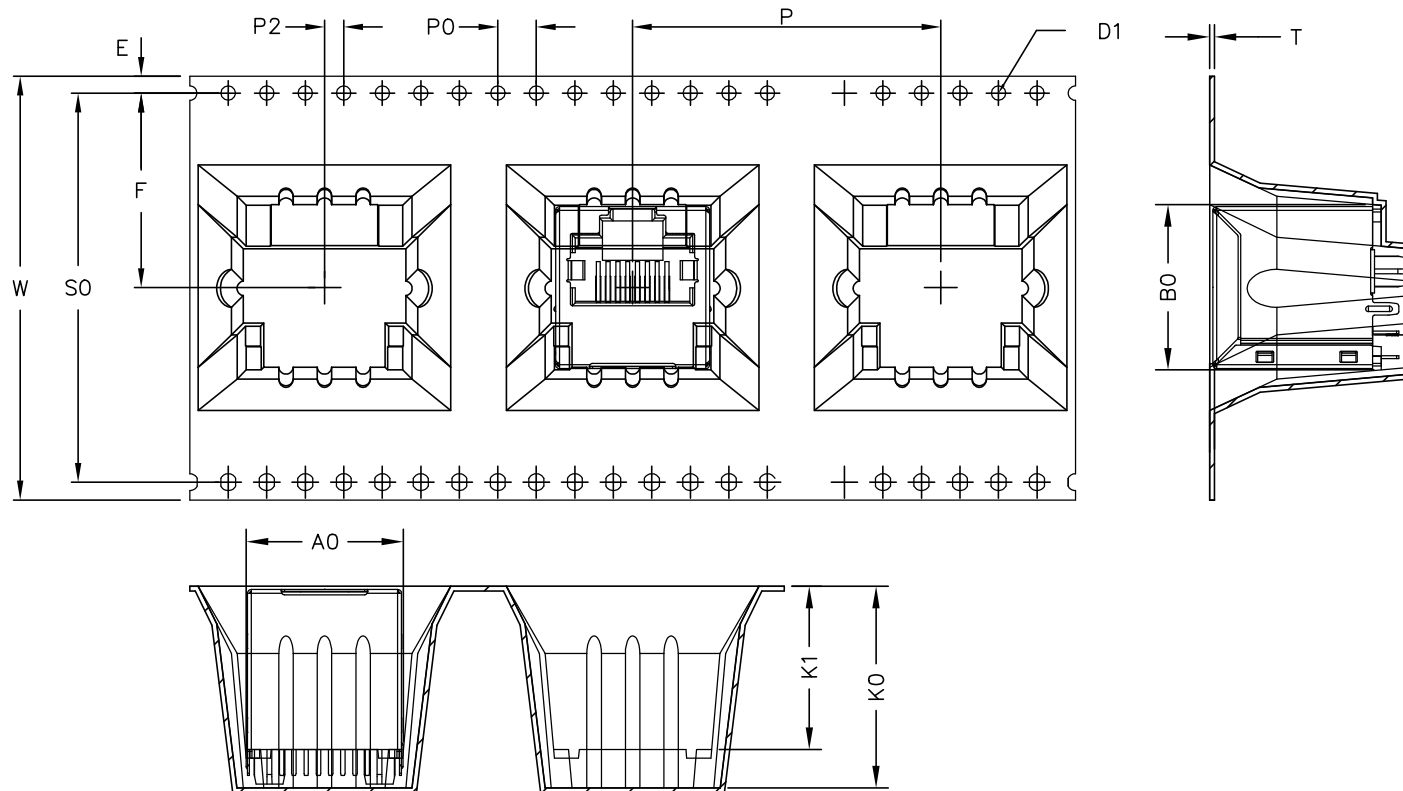


SUGGESTED PANEL CUTOUT

RECOMMENDED STENCIL DESIGN WITH 0.2mm THICKNESS
BASE ON 1.6mm THICKNESS PCB
(COMPONENT SIDE SHOWN)

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,100D,1:1,TU	JXD2-9001NL-P1	-	5 OF 6	JXD2-9001NL	C



W	44.00 ±0.30	P	32.00 ±0.10	A0	16.40±0.15	B0	17.17±0.15
S0	40.40 ±0.10	P0	4.00 ±0.10	A1		B1	
E	1.75 ±0.10	P2	2.00 ±0.15	A2		B2	
F	20.20 ±0.15	D0	1.50 ^{+0.10} _{-0.00}	K0	20.95±0.20	K1	16.95±0.15
T	0.50 ±0.05	D1		SCALE:	1:1	UNIT:	mm

1. Material:Black Conductive Polystyrene Alloy.
2. Packing length per 13" reel:3.16 Meters.
- 3.Component load per 13"reel:80 pcs.
5 Reel in on box
400pcs in one box
- 4.All dimension meet EIA-481-D repuirements.

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PRODUCT DESCRIPTION	TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
CONN,RJ45,1X1,100D,1:1,TU	JXD2-9001NL-P1	-	6 OF 6	JXD2-9001NL	C