

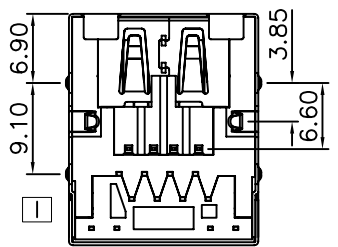
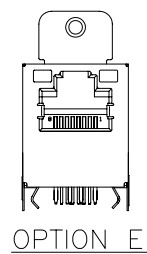
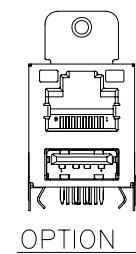
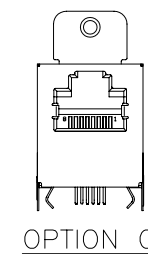
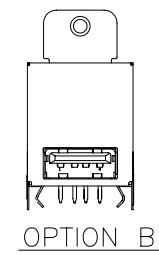
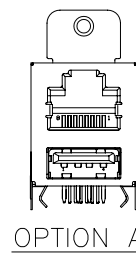
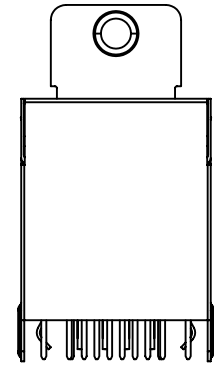
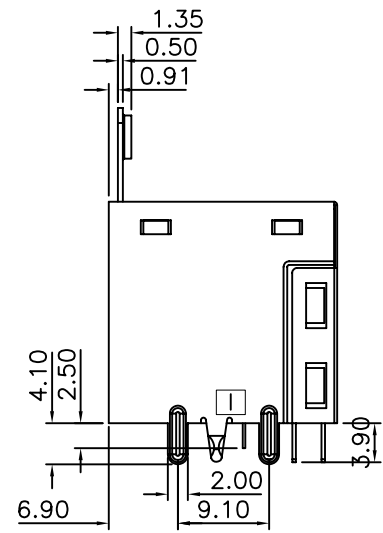
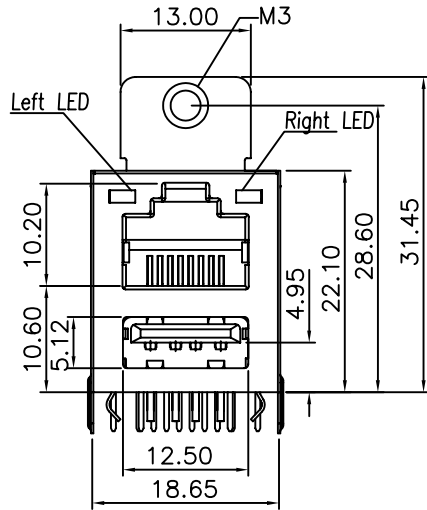
H Ordering Information:

RJ 45-T 0X DX3 1 PX

- Plating: (Selective plating for stamping contacts)
 - S1 = Gold Flash
 - S2 = 5u"
 - S3 = 10u"
 - S4 = 15u"
 - S5 = 30u"
 - S6 = 50u"
 - S7 = Special Plating Request by Customer

- Led Configuration: See LED Chart
- Tooling Option
- Number of Ports
- Mounting Type:
 - T = R/A tab up
 - C = Combo type

RJ45 Series:



TOLERANCE	
LINEAR	ANGLES
X.±	X°.±
.X±0.38	.X°.±
.XX±0.25	.XX°.±
.XXX±0.10	.XXX°.±



TITLE:	RJ45 + USB STACKED CONN			
PART NO.	RJ45-T0XDX31PX			
DWG NO.	SC-10288			

<input type="checkbox"/>	SEE SHEET 2		
REV	ECN NO.	NAME	DATE

APPD:	MAT'L:
CHKD:	FINISH:
DRWN: AXL	Q'TY:

		UNITS	SCALE	SHEET	REV
		MM	NONE	1 OF 2	J

F Notes:

1. Electrical:

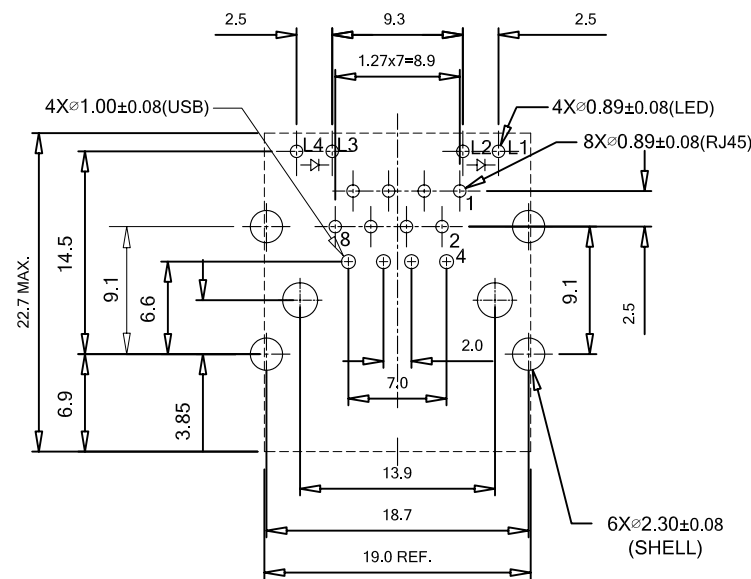
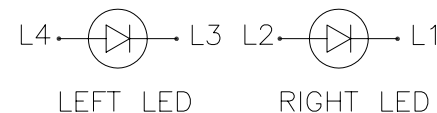
- G** a. Voltage Rating: 30VDC Max. (r.m.s)
- b. Current Rating: 0.5Amperes.
- c. Insulation Resistance: 1000M ohms min.
- J** **G** d. Dielectric Withstand Voltage: AC 100V/1 minute.
- e. Contact Resistance: USB conn. 30 m ohms max. initial;
RJ45 70 m ohms max. initial.

2. Mechanical:

- a. Material:
Contacts: Phosphor Bronze C5191-H.
Housing&Cover/Flammability Rating: PBT + 30%G/F,UL94V-0
- J** Shell: Spcc
Tab: Spcc
- b. Plating:
Contacts: Gold plated Optional (see order information).
80u" TIN MIN. Plated at solder side, 30u" nickel underplated overall.
- J** Shell: 50u" Nickel plated.
Tab: 50u" Nickel plated.
- c. Durability: USB 1,500 Cycles; RJ45 1,000 Cycles.
- d. Mating force: USB 35N Max. ; RJ45 18.3N Max.
Unmating force: USB 10N Min. ; RJ45 4.9N Min.
- e. Coplanarity of SMT Leads: Not Applicable.
- G** f. Solderability: More than 95% of solderable area shall be covered with solder after 5~10 seconds flux(No clean flux)deep.
- g. Soldering Profile: 230°C±5°C for 5~10 seconds without remarkable deterioration.
- 3. Environmental:
- a. Operating/Storage Temperature: -40°C to +85°C.
- b. Temperature Life: A temperature of 60±5°C for 96hours.
- G** c. Salt Spray test shall be tested per ASTM 117 for 4 hours.
- d. Steady State Humidity: 90%~95% humidity on 40±3°C for 96hours.
- e. Thermal Shock: 10 cycles of -55±5°C to 85±5°C.
- G** f. Shock: No discontinuities of 1 us or longer duration when mated USB RJ45 connectors are subjected to 11 ms duration 30 Gs half-sine shock pulses. Three shocks in each direction applied along three mutually perpendicular planes for a total of 18 shocks.
- G** g. Vibration: No discontinuities of 1us of longer duration when mated USB RJ45 conn. are subjected to 5.35Gs RMS. 15min. in each of three mutually perpendicular planes.
- J** h. After enviromental test, USB connector contact resistance should not increase to 40m ohms max. RJ45 connector contact resistance should not increase to 80m ohms max. and meet IR and DWV as initial.
- 4. Compliance:
- a. Standard: USB version 2.0 specification.
- b. Standard: RJ serial specification.
- c. RoHS Compliance.

LED CHART

	Left LED		Right LED	
	-L3/+L4	+L3/-L4	-L1/+L2	+L1/-L2
0	w/o	w/o	w/o	w/o
1	Green		Yellow	
2		Green		Yellow
3	Green		Green	Yellow
4	Yellow		Green	
5		Green	Yellow	Green
6	Green	Orange	Yellow	
7	Yellow		Green	Orange
8	Yellow		Orange	Green
9	Green	Orange	Green	
B		Yellow		Green
C	Green		Green	



RECOMMENDED PCB LAYOUT & THICKNESS
COMPONENT SIDE , PCB THICKNESS : 1.60mm
TOLERANCE ARE ±0.05

I	REVISE DRAWING	DANIEL	5/21/08'
H	CHANGE PART NUMBER	AXL	5/2/08'
G	CORRECT NOTES 1a,1d,1e,2g,3c,3d,3e 3h AND ADD 3f SHOCK	VEGAS	9/10/07'
F	ADD NOTES	VEGAS	8/16/07'
E	REVISE DRAWING	VEGAS	6/21/07'
D	ADD M3 TAB AND SHEET 2	AXL	2/20/07'
C	CORRECT BOTTOM VIEW	AXL	12/5/06'
B	ADD DIMENSION	AXL	7/13/06'
A	ISSUED	AXL	3/27/06'
REV	ECN NO.	NAME	DATE

J	CORRECT NOTES 1e,2a,2b,3h	DANIEL	5/11/09'
REV	ECN NO.	NAME	DATE

PART NO.	RJ45-T0XDX31PX	SHEET
DWG NO.	SC-10288	2 OF 2