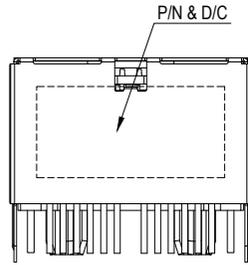
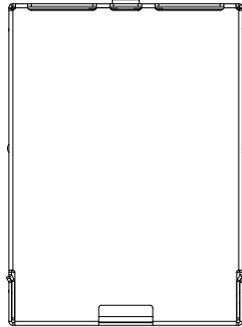




MECHANICAL DIMENSION

1	2	3	4	5	6	7	8
REV:	ECN. NO.	NAME	DATE				



BACK VIEW

1. MATERIALS AND FINISH

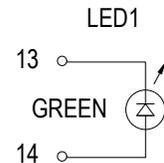
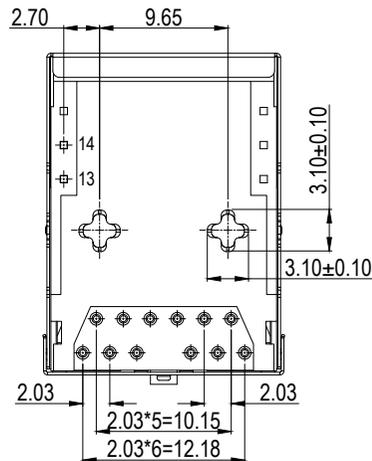
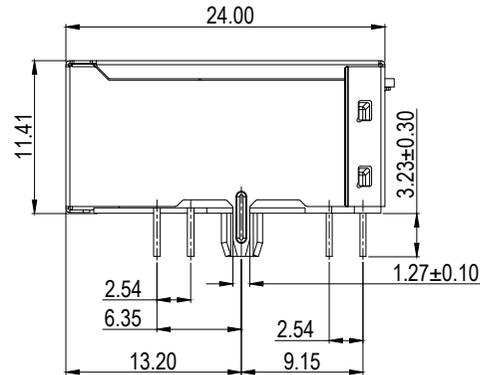
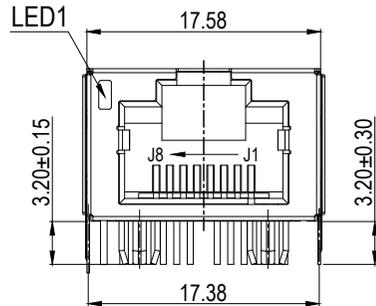
HOUSING: GLASS FILED POLYESTER (PBT) UL94V-0 PANTONE YELLOW 114C
 CONTACT: PHOSPHOR BRONZE T=0.35MM FLAT PIN
 PLATING: 30u" GOLD PLATING OVER NICKEL
 SHIELD: 0.20MM THICKNESS COPPER ALLOY WITH NICKEL PLATED
 PCB RETENTION FRET-SOLDER: 1LB MIN.
 SIGNAL PINS & LED PINS: 80U" MIN TIN(SN) PLATING FINISH MIN.
 OVER 30U" MIN NICKEL

2. MECHANICAL CHARACTERISTICS

DURABILITY: 750 (MODULAR JACK) INSERTION/PLUG DIMENSION CYCLES

4. ENVIRONMENTAL

OPERATING TEMPERATURE: 0°C~+70°C
 STORAGE TEMPERATURE: -40°C~+85°C



LED 1 POLARITY		
13	14	COLOR
-	+	GREEN

LED ELECTRICAL / OPTICAL CHARACTERISTICS:

COLOR	IF	VF (FORWARD VOLTAGE)	λD DOMINANT WAVELENGTH
GREEN	20mA	2.0 V-2.4V	565nm

GENERAL TOLERANCE
 .X±0.35 .X±1.00°
 .XX±0.25 .XX±0.50°
 .XXX±0.10



FOR YOUR VITAL CONNECTION

TITLE: 10 Gigabit Tab UP 1X1 RJ45 CONNECTOR (Ultra Low Profile)

DRAWN BY: Zou Long PART NO: J11JT1036NYA1 REV: A0

CHECKED BY: Bob SIZE: A1 UNIT: mm SHEET: 1 OF 5 FCN: A1

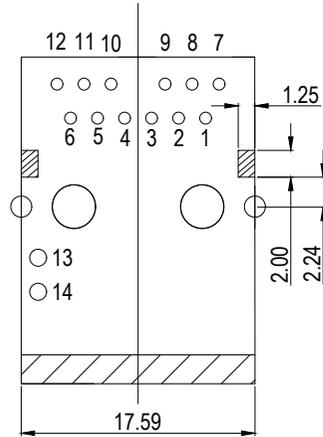
APPROVED BY: QPF PROJECTION http://www.vitalconn.com

For technical support, please send an email to support@vitalconn.com



7		8	
REV:	ECN. NO.	NAME	DATE

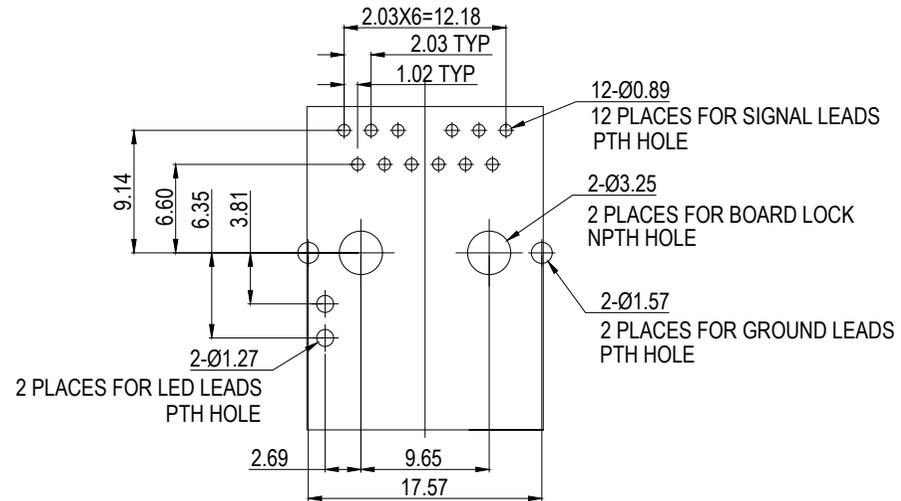
RECOMMENDED PCB LAYOUT :



PIN-OUT INFORMATION

NOTES:

THE SHADED AREA ON THE CUSTOMER BOARD ARE RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR COMPONENT PAD.



RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW

GENERAL TOLERANCE	
.X±0.35	.X±1.00°
.XX±0.25	.XX±0.50°
.XXX±0.10	



FOR YOUR VITAL CONNECTION

TITLE:

10 Gigabit Tab UP 1X1 RJ45 CONNECTOR
(Ultra Low Profile)

DRAWN BY:	Zou Long	PART NO:	J11JT1036NYA1	REV: A0
CHECKED BY:	Bob	SIZE: A1	UNIT:mm	SHEET:2 OF 5
APPROVED BY:	QPF	PROJECTION		FCN: A1
For technical support, please send an email to support@vitalconn.com		http://www.vitalconn.com		

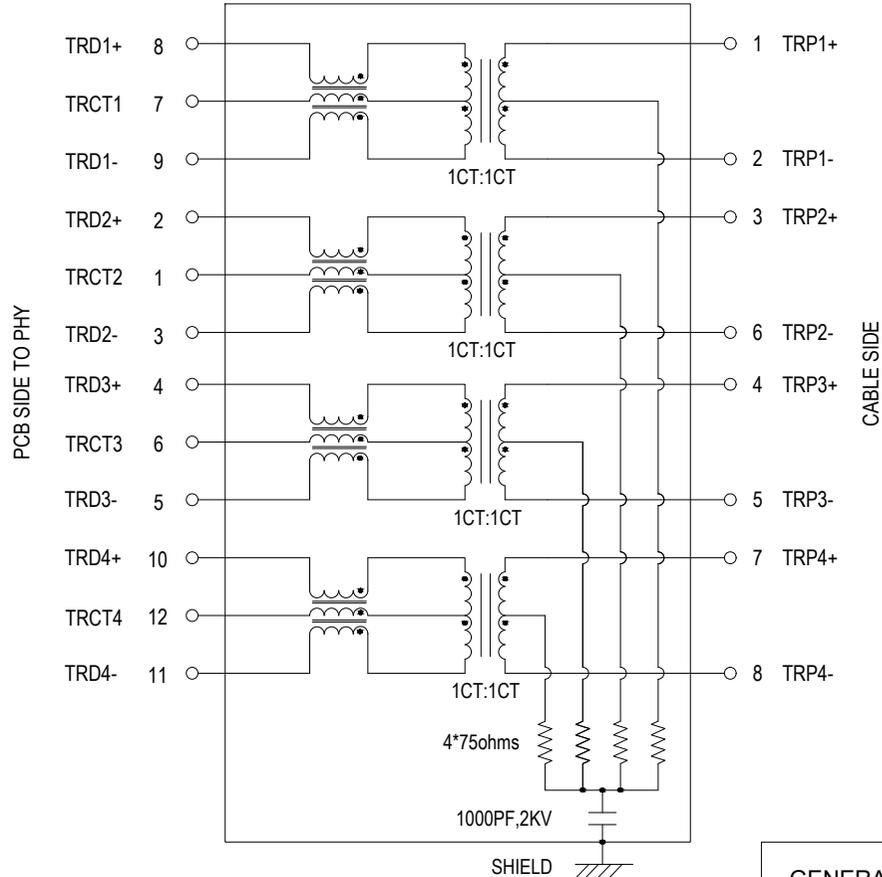
For technical support, please send an email to support@vitalconn.com

http://www.vitalconn.com



REV:	ECN. NO.	NAME	DATE

SCHEMATIC:



ELECTRICAL CHARACTERISTICS @ 25°C

TURN RATIO:

- (P8-P9):(J1-J2)=1:1 ±3%.
- (P2-P3):(J3-J6)=1:1 ±3%.
- (P4-P5):(J4-J5)=1:1 ±3%.
- (P10-P11):(J7-J8)=1:1 ±3%.

PRIMARY INDUCTANCE:

120uH MIN.@100KHz,100mVRMS.

HI-POT TEST:

PCB SIDE TO CABLE SIDE 2250VDC.

Insertion Loss:

1MHz~500MHz -3.0dB MAX.

Return Loss: (Load:100 ohms)

- 1MHz~100 MHz -20dB MIN
- 100MHz~500 MHz -20+20.75*LOG(F/100)dB MIN

Cross Talk:

- 1MHz~100 MHz -28dB MIN.
- 100MHz~500 MHz -19dB MIN.

CM to CM Rejection:

1MHz~500 MHz -20dB MIN.

CM to DM Rejection:

- 1MHz~250 MHz -30dB MIN.
- 250MHz~500 MHz -22dB MIN.

GENERAL TOLERANCE	
.X±0.35	.X±1.00°
.XX±0.25	.XX±0.50°
.XXX±0.10	



FOR YOUR VITAL CONNECTION

TITLE:

10 Gigabit Tab UP 1X1 RJ45 CONNECTOR
(Ultra Low Profile)

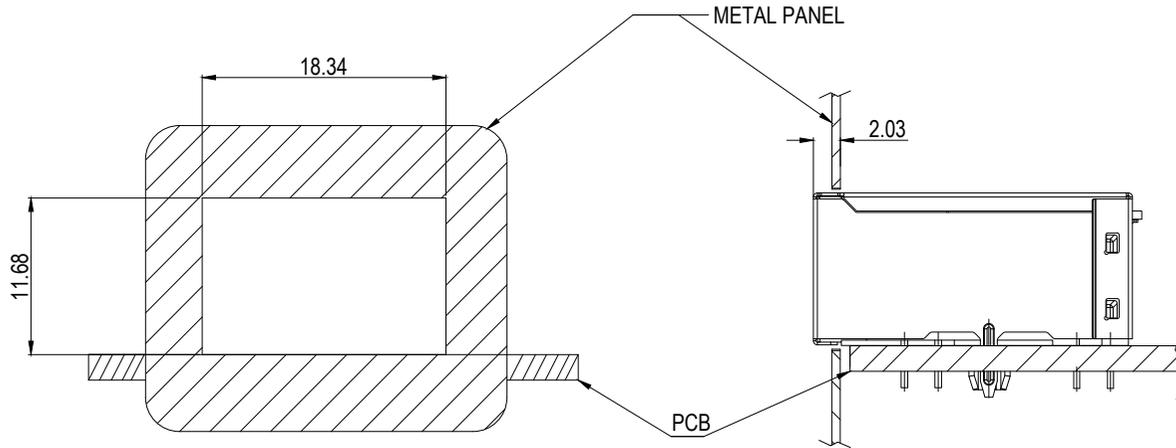
DRAWN BY:	Zou Long	PART NO:	J11JT1036NYA1	REV: A0
CHECKED BY:	Bob	SIZE: A1	UNIT:mm	SHEET:3 OF 5
APPROVED BY:	QPF	PROJECTION		FCN: A1
			http://www.vitalconn.com	

For technical support, please send an email to support@vitalconn.com



7		8	
REV:	ECN. NO.	NAME	DATE

SUGGESTED PANEL OPENING



NOTE:

THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION.
 IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.

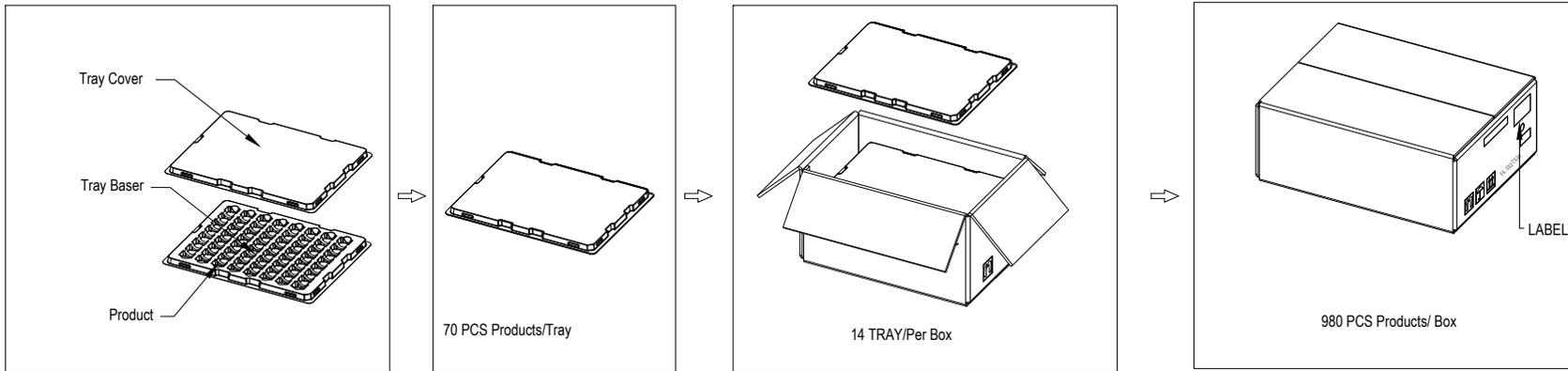
GENERAL TOLERANCE .X±0.35 .X±1.00° .XX±0.25 .XX±0.50° .XXX±0.10		VITALCON a vital connector company		FOR YOUR VITAL CONNECTION	
DRAWN BY: Zou Long		TITLE: 10 Gigabit Tab UP 1X1 RJ45 CONNECTOR (Ultra Low Profile)		REV: A0	
CHECKED BY: Bob		PART NO: J11JT1036NYA1		SHEET: 4 OF 5	
APPROVED BY: QPF		SIZE: A1		FCN: A1	
		PROJECTION		http://www.vitalconn.com	

For technical support, please send an email to support@vitalconn.com



7		8	
REV:	ECN. NO.	NAME	DATE

PACKAGE INFORMATION AND LABEL



PACKING QUANTITY : 70 PCS FINISHED GOODS PER TRAY
 14 TRAYS (980 PCS FINISHED GOODS) PER CARTON BOX

For technical support, please send an email to support@vitalconn.com

GENERAL TOLERANCE .X±0.35 .X±1.00° .XX±0.25 .XX±0.50° .XXX±0.10		VITALCONN a vital connector company		FOR YOUR VITAL CONNECTION	
DRAWN BY: Zou Long		PART NO: J11JT1036NYA1		REV: A0	
CHECKED BY: Bob		SIZE: A1		UNIT:mm	
APPROVED BY: QPF		PROJECTION		SHEET:5 OF 5	
				FCN: A1	
				http://www.vitalconn.com	

10 Gigabit Tab UP 1X1 RJ45 CONNECTOR
(Ultra Low Profile)

