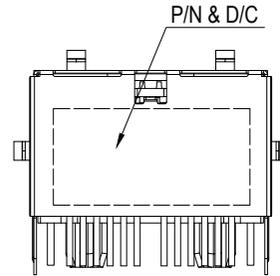
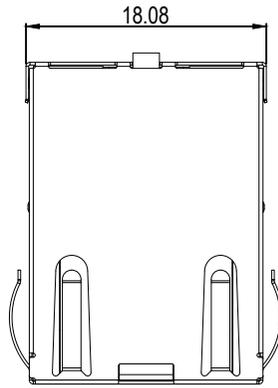


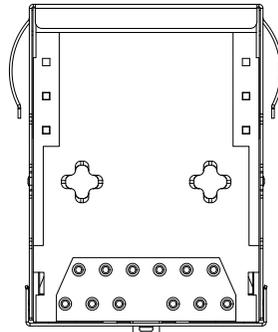
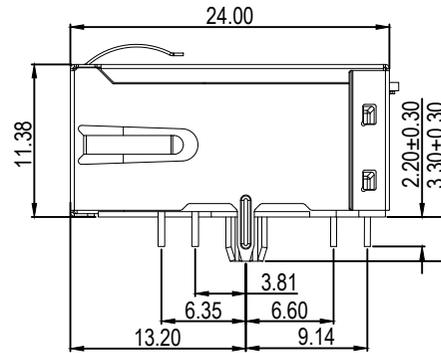
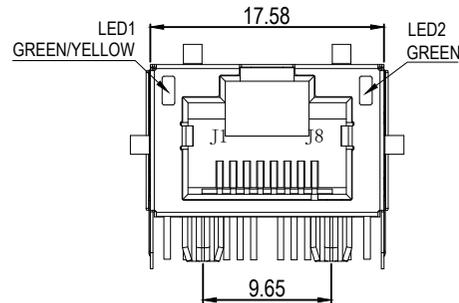


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REV:	ECN. NO.	NAME	DATE

MECHANICAL DIMENSION



BACK VIEW



1. MATERIALS AND FINISH

HOUSING: GLASS FILED POLYESTER UL94V-0 LCP PANTONE BLACK
 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 FRE-SOLDER: 1LB MIN.
 SIGNAL PINS & LED PINS: 100U" TIN(SN) PLATING FINISH MIN.
 OVER 30U" NICKEL

2. MECHANICAL CHARACTERISTICS

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

3. ENVIRONMENTAL

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

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



FOR YOUR VITAL CONNECTION

TITLE: 1Gigabit BASE-T Tab Down RJ45 (Ultra Low Profile With Surge Protection)

DRAWN BY: Zou Long PART NO: J11JG15H6DLA1 REV: A0

CHECKED BY: Bob SIZE: A1 UNIT:mm SHEET: 1 OF 6 FCN: A1

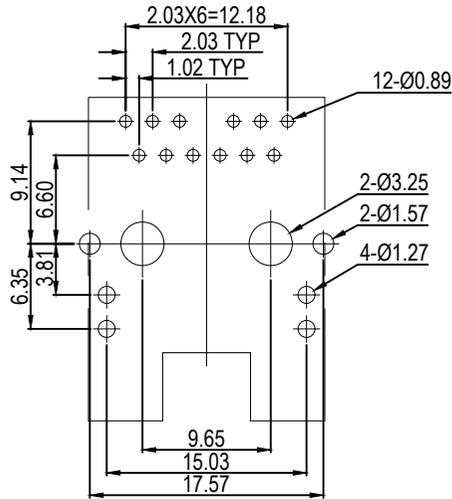
APPROVED BY: QPF PROJECTION <http://www.vitalconn.com>

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

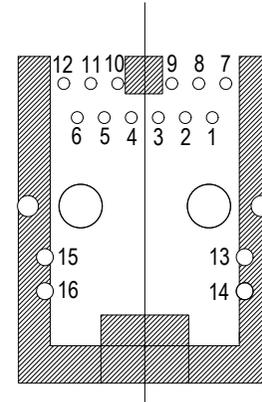


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REV:	ECN. NO.	NAME	DATE

RECOMMENDED PCB LAYOUT AND LED:



RECOMMENDED PCB FOOTPRINT
 COMPONENT SIDE VIEW



PIN-OUT INFORMATION

NOTES:

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

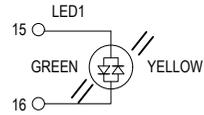
For technical support, please send an email to support@vitalconn.com

GENERAL TOLERANCE .X±0.35 .X±1.00° .XX±0.25 .XX±0.50° .XXX±0.10		VITALCON a vital connector company		FOR YOUR VITAL CONNECTION	
DRAWN BY: Zou Long		TITLE: 1Gigabit BASE-T Tab Down RJ45 (Ultra Low Profile With Surge Protection)		REV: A0	
CHECKED BY: Bob		PART NO: J11JG15H6DLA1		SHEET:2 OF 6 FCN: A1	
APPROVED BY: QPF		SIZE: A1 UNIT:mm		PROJECTION http://www.vitalconn.com	

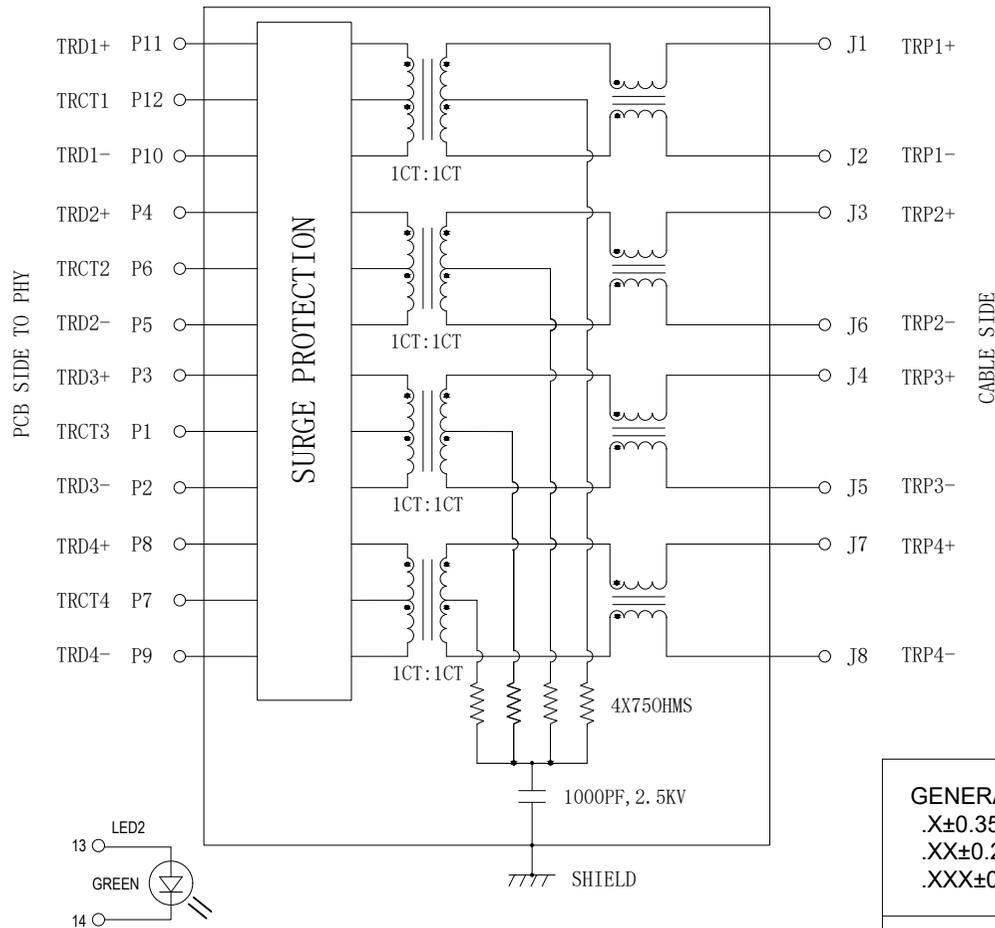


REV:	ECN. NO.	NAME	DATE

SCHEMATIC:



LED 1 POLARITY			LED 2 POLARITY		
15	16	COLOR	13	14	COLOR
+	-	GREEN	+	-	GREEN
-	+	YELLOW			



ELECTRICAL CHARACTERISTICS @ 25°C

TURN RATIO:

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

PRIMARY INDUCTANCE:

350uH MIN.@100KHz,100mVRMS,8mA DC BIAS.

HI-POT TEST:

PCB SIDE TO CABLE SIDE 2250VDC.

Insertion Loss:

- 0.3MHz~1MHz -1.1dB MAX.
- 1MHz~65MHz -0.8dB MAX.
- 65MHz~100MHz -1.1dB MAX.

Return Loss: (Load:100 ohms)

- 1MHz~40 MHz -18dB MIN
- 40MHz~100 MHz -12+20LOG(F/80)dB MIN

Cross Talk:

- 1MHz~40 MHz -30dB MIN.
- 40MHz~100 MHz -33+20log(F/50)dB MIN.

CM to CM Rejection:

1MHz~100 MHz -30dB MIN.

CM to DM Rejection:

1MHz~100 MHz -30dB MIN.

SURGE PROTECTION

IEC61000-4-5(Lightening) (10/700us)
Line TO Line : 2KV

LED ELECTRICAL / OPTICAL CHARACTERISTICS:

COLOR	IF	VF (FORWARD VOLTAGE)	λ D DOMINANT WAVELENGTH
GREEN	20mA	2.2 V	565nm
YELLOW	20mA	2.1 V	590nm

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



FOR YOUR
VITAL CONNECTION

TITLE:

1Gigabit BASE-T Tab Down RJ45
(Ultra Low Profile With Surge Protection)

DRAWN BY:

Zou Long

PART NO:

J11JG15H6DLA1

REV: A0

CHECKED BY:

Bob

SIZE: A1

UNIT:mm

SHEET:3 OF 6

FCN: A1

APPROVED BY:

QPF

PROJECTION



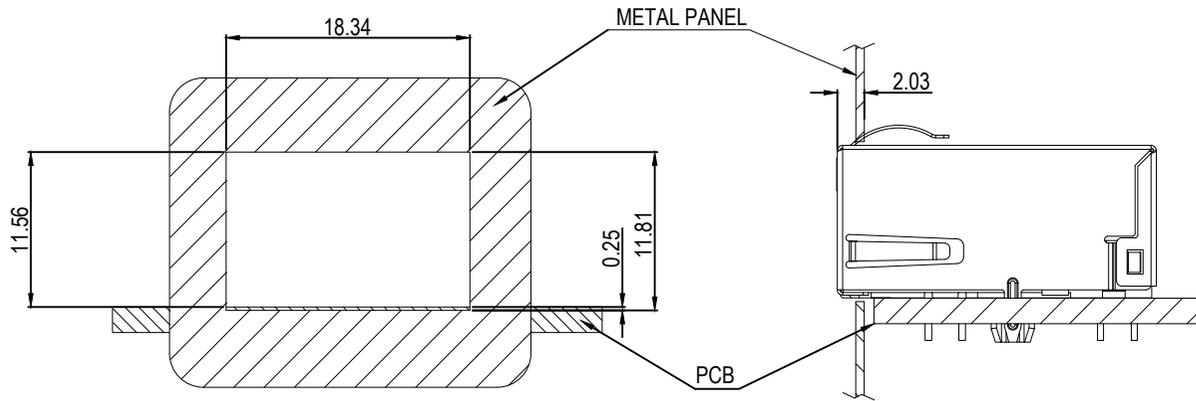
http://www.vitalconn.com

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REV:	ECN. NO.	NAME	DATE

SUGGESTED PANEL OPENING



NOTE:

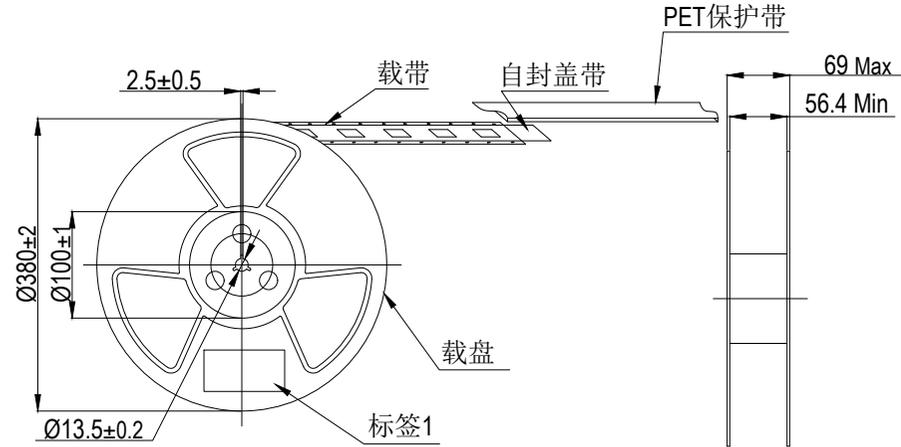
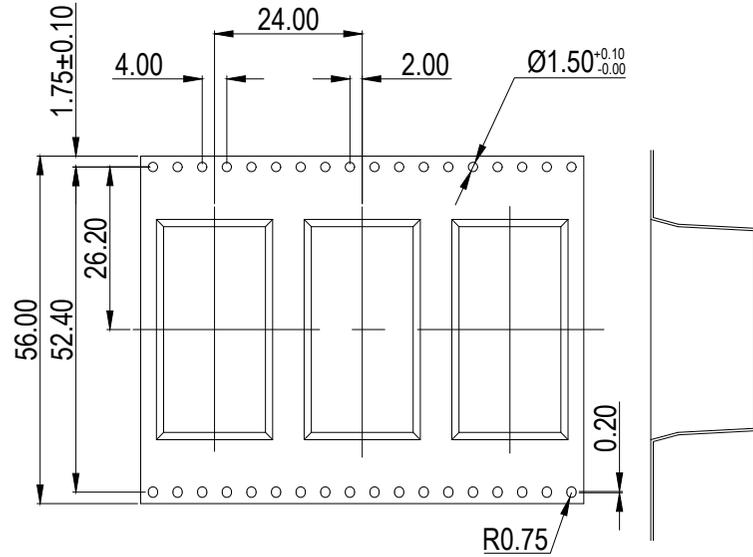
THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION. IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.

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: 1Gigabit BASE-T Tab Down RJ45 (Ultra Low Profile With Surge Protection)		REV: A0	
CHECKED BY: Bob		PART NO: J11JG15H6DLA1		SHEET:4 OF 6	
APPROVED BY: QPF		SIZE: A1		FCN: A1	
For technical support, please send an email to support@vitalconn.com		PROJECTION		http://www.vitalconn.com	

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

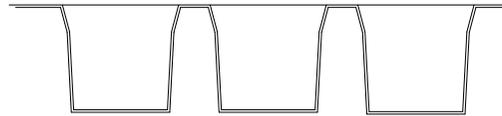


REV:	ECN. NO.	NAME	DATE



注解:

1. 载带包装长度



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



FOR YOUR
VITAL CONNECTION

TITLE:

1Gigabit BASE-T Tab Down RJ45
(Ultra Low Profile With Surge Protection)

DRAWN BY: Zou Long

PART NO:

J11JG15H6DLA1

REV: A0

CHECKED BY: Bob

SIZE: A1

UNIT:mm

SHEET:5 OF 6

FCN: A1

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

APPROVED BY: QPF

PROJECTION

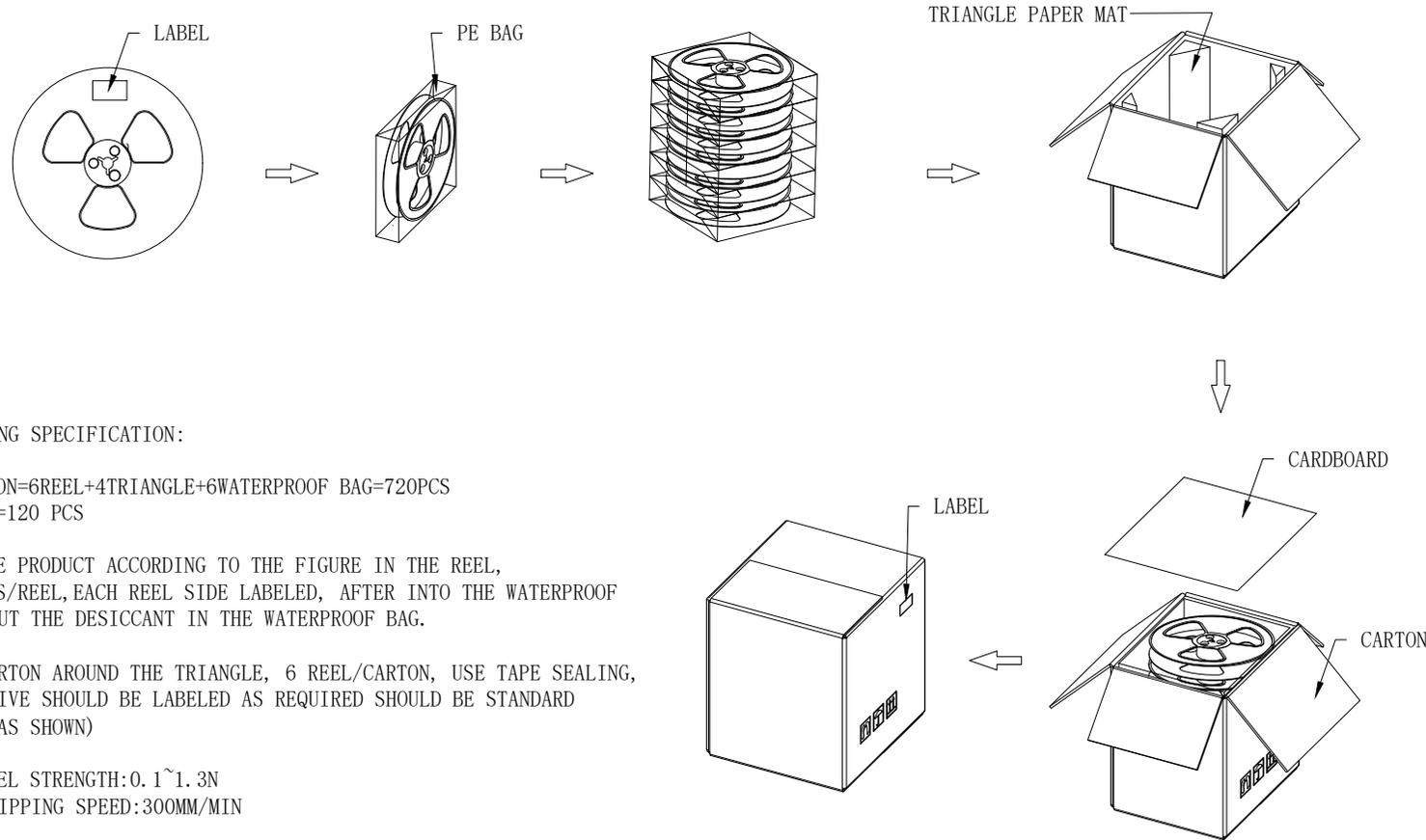


http://www.vitalconn.com



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REV:	ECN. NO.	NAME	DATE

PACKAGE INFORMATION AND LABEL



PACKING SPECIFICATION:

1CARTON=6REEL+4TRIANGLE+6WATERPROOF BAG=720PCS
1REEL=120 PCS

1. THE PRODUCT ACCORDING TO THE FIGURE IN THE REEL, 120PCS/REEL, EACH REEL SIDE LABELED, AFTER INTO THE WATERPROOF BAG, PUT THE DESICCANT IN THE WATERPROOF BAG.
2. CARTON AROUND THE TRIANGLE, 6 REEL/CARTON, USE TAPE SEALING, RELATIVE SHOULD BE LABELED AS REQUIRED SHOULD BE STANDARD SIGN(AS SHOWN)
3. PEEL STRENGTH:0.1~1.3N
STRIPPING SPEED:300MM/MIN

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: 1Gigabit BASE-T Tab Down RJ45 (Ultra Low Profile With Surge Protection)		REV: A0	
CHECKED BY: Bob		PART NO: J11JG15H6DLA1		SHEET:6 OF 6 FCN: A1	
APPROVED BY: QPF		SIZE: A1		UNIT:mm	
		PROJECTION		http://www.vitalconn.com	

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