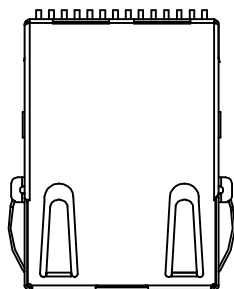
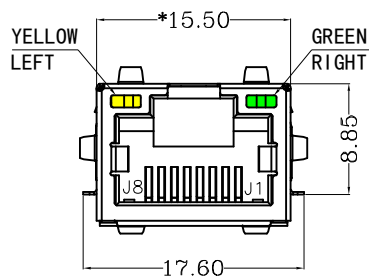
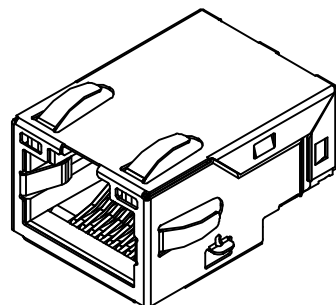




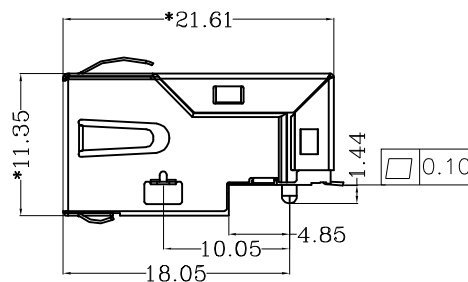
REV:	ECN. NO.	NAME	DATE
A0	----	-----	11-15-2017



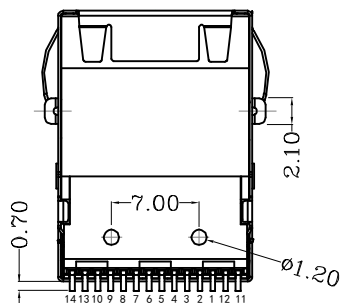
TOP VIEW



TOP VIEW



RIGHT SIDE VIEW



BOTTOM VIEW

MATERIAL:

HOUSING: LCP,UL94V-0,BLACK.

TERMINALS BRACKET: LCP,UL94V-0,BLACK.

SHIELD: BRASS,T=0.20MM,NICKEL PLATING ON ALL AREA.

TERMINAL: PHOSPHOR BRONZE ,T=0.35MM,

6U" GOLD PLATING ON CONTACT AREA.

MECHANICAL:

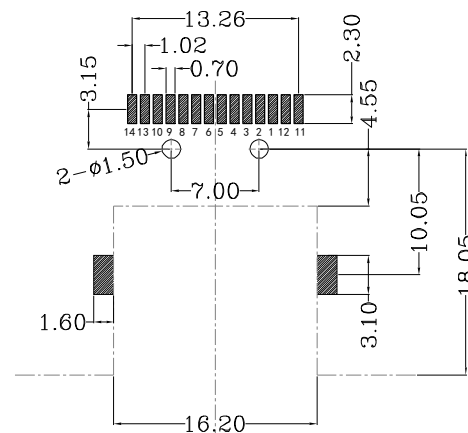
DURABILITY: 750 CYCLES MIN.

MATING FORCE: 23N MAX.

OPERATING TEMPERATURE: -40°C~+85°C.

STORAGE TEMPERATURE: -40°C~+85°C.

ALL CRITICAL DIMENSIONS WITH "***"



RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

TOLERANCE UNSPECIFIED

x±0.35	x°±3.0°
.x±0.30	.x°±2.0°
.xx±0.25	.xx°±1.5°
.xxx±0.10	.xxx°±1.0°



FOR YOUR
VITAL CONNECTION

TITLE: TAB-UP 1X1 1000BASE 贴片

DRAWN BY:	Zou Long	PART NO:	J11SG4113DLA0	SHEET:	1 OF 4	REV:	A0
CHECKED BY:	Bob	DWG NO:	VTC-TZ-00213	SIZE:	A4	UNIT:	mm
APPROVED BY:	QPF	PROJECTION:		http://www.vitalconn.com			

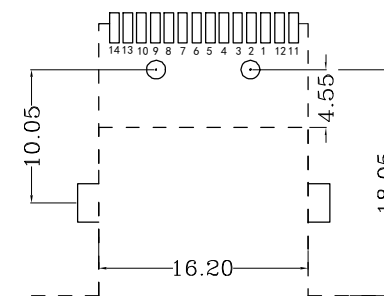
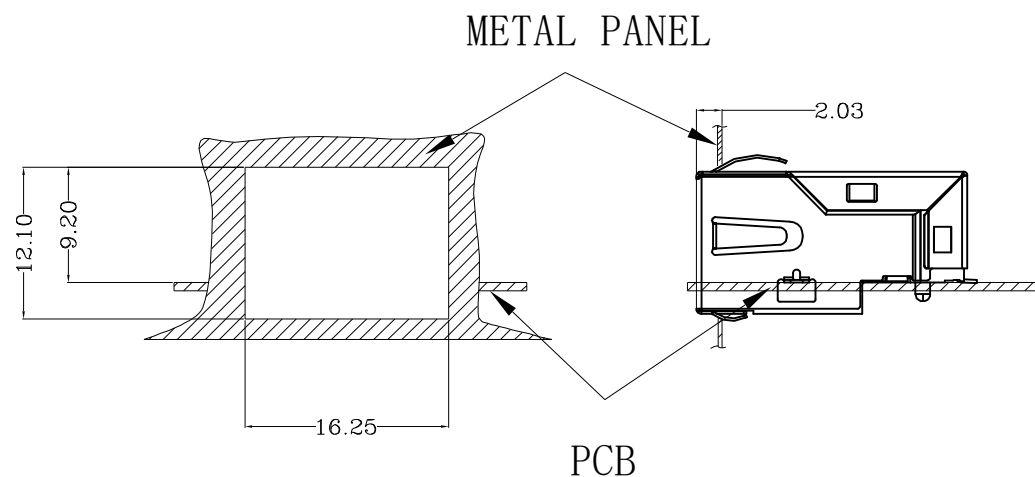
For technical support, please send an email to support@vitalconn.com



REV:	ECN. NO.	NAME	DATE
A0	-----	-----	11-15-2017

Suggested Panel Opening:

Keep-Out Area (Component Side View):



Plug In Side

UNIT: mm / inch
Tolerances: ± 0.10 / 0.004

UNIT: mm / inch
Tolerances: ± 0.10 / 0.004

TOLERANCE UNSPECIFIED

x ± 0.35	x° $\pm 3.0^\circ$
.x ± 0.30	.x° $\pm 2.0^\circ$
.xx ± 0.25	.xx° $\pm 1.5^\circ$
.xxx ± 0.10	.xxx° $\pm 1.0^\circ$



FOR YOUR
VITAL CONNECTION

TITLE: TAB-UP 1X1 1000BASE 贴片

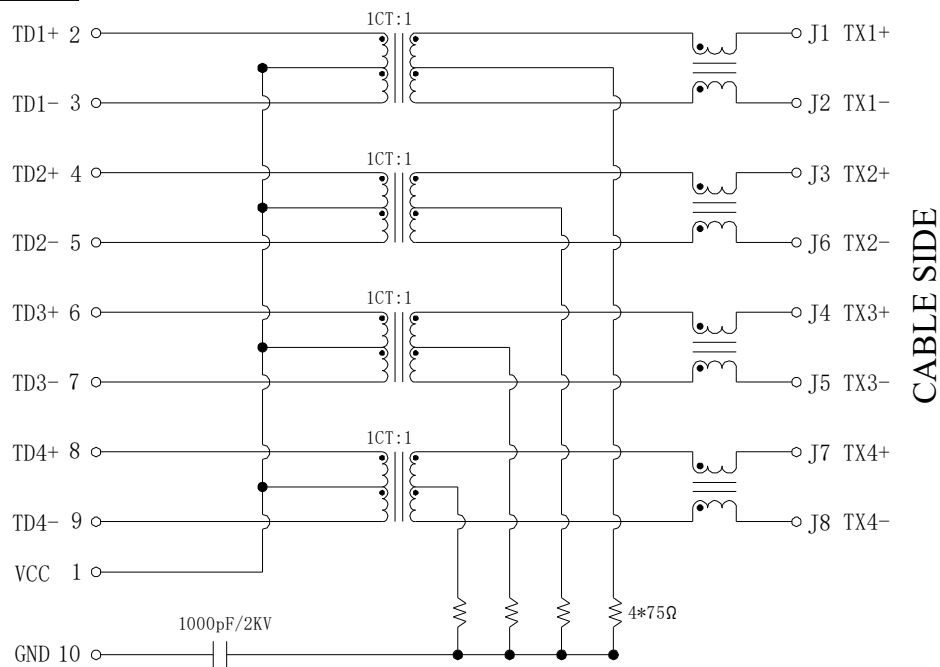
DRAWN BY:	Zou Long	PART NO:	J11SG4113DLA0	SHEET:	2 OF 4	REV:	A0
CHECKED BY:	Bob	DWG NO:	VTC-TZ-00213	SIZE:	A4	UNIT:	mm
APPROVED BY:	QPF	PROJECTION:		http://www.vitalconn.com			

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



REV:	ECN. NO.	NAME	DATE
A0	-----	-----	11-15-2017

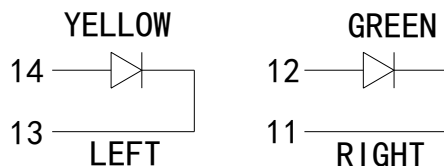
PCB SIDE TO PHY

**Electrical:**

- Turn ratio: 2~3: J1~J2=1CT:1CT(±2%).
4~5: J3~J6=1CT:1CT(±2%).
6~7: J4~J5=1CT:1CT(±2%).
8~9: J7~J8=1CT:1CT(±2%).
- OCL: 350uH Min. at 100KHz 100mV 8mA DC.
- Insertion Loss: -1.0 dB Max 1~100MHz.
- Return loss: -18dB Min 1~30MHz;
-14dB Min 30~60MHz.
-12dB Min 60~80MHz.
-10dB Min 80~100MHz.
- Cross talk: -40dB Min 1~30MHz;
-35dB Min 30~60MHz;
-30dB Min 60~100MHz;
- CMR: -30dB Min 1~100MHz;
- Hi-Pot: 2250V DC 6S 1mA PRI TO SEC

LED Specification

Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	568nm	20mA	1.8-2.8V
Yellow	585nm	20mA	1.8-2.8V



TOLERANCE UNSPECIFIED

x±0.35	x°±3.0°
.x±0.30	.x°±2.0°
.xx±0.25	.xx°±1.5°
.xxx±0.10	.xxx°±1.0°

FOR YOUR
VITAL CONNECTION

TITLE: TAB-UP 1X1 1000BASE 贴片

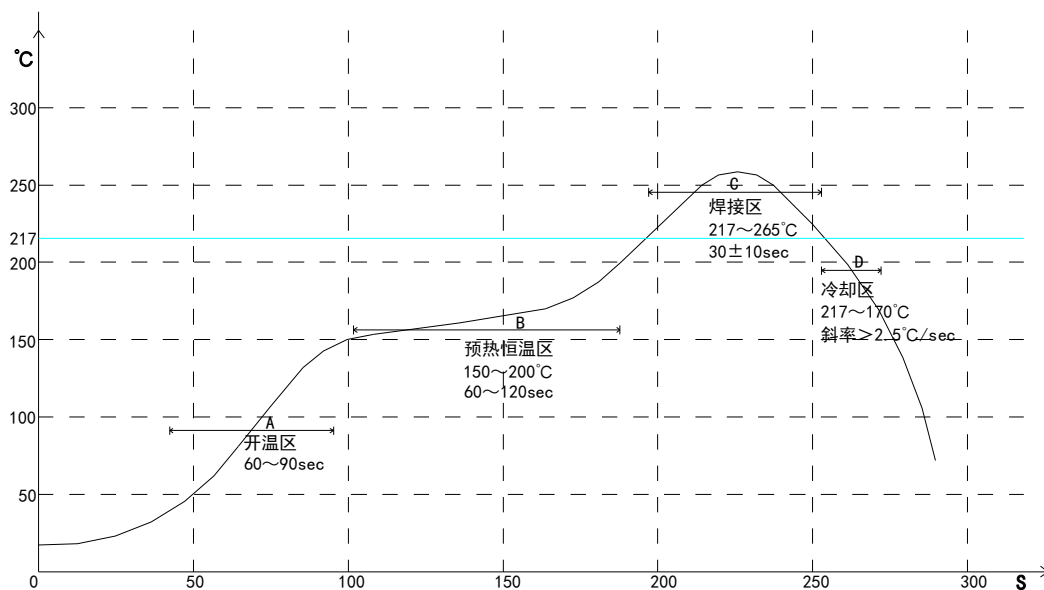
DRAWN BY:	Zou Long	PART NO:	J11SG4113DLA0	SHEET:	3 OF 4	REV:	A0
CHECKED BY:	Bob	DWG NO:	VTC-TZ-00213	SIZE:	A4	UNIT:	mm
APPROVED BY:	QPF	PROJECTION:		http://www.vitalconn.com			

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REV:	ECN. NO.	NAME	DATE
A0	-----	-----	11-15-2017

PROFILE OF REFLOW SOLDERING



A. Temperature range of open
B. Preheat temperature zone
C. The welding zone
D. The cooling zone
Tip temperature: $265 \pm 5^{\circ}\text{C}$.
Tip temperature time: $30 \pm 10\text{Sec}$.
Tip melting point of Sn96.5/Ag3/Cu0.5.

TOLERANCE UNSPECIFIED

x $\pm$ 0.35 x° $\pm$ 3.0°
.x $\pm$ 0.30 .x° $\pm$ 2.0°
.xx $\pm$ 0.25 .xx° $\pm$ 1.5°
.xxx $\pm$ 0.10 .xxx° $\pm$ 1.0°

VITALCON
a vital connector company

FOR YOUR
VITAL CONNECTION

TITLE: TAB-UP 1X1 1000BASE 贴片

DRAWN BY:	Zou Long	PART NO:	J11SG4113DLA0	SHEET:	4 OF 4	REV:	A0
CHECKED BY:	Bob	DWG NO:	VTC-TZ-00213	SIZE:	A4	UNIT:	mm
APPROVED BY:	QPF	PROJECTION:			http://www.vitalconn.com		

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