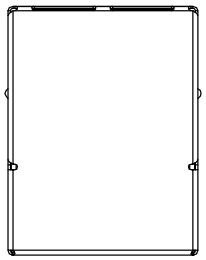
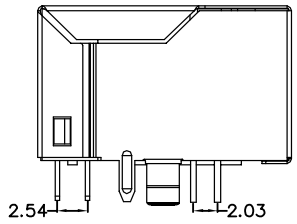
RoHS COMPLIANT

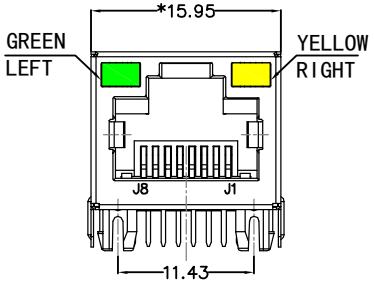
REV:	ECN. NO.	NAME	DATE
A1	-----	--------	11-15-2016



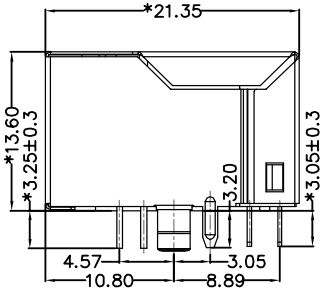
TOP VIEW



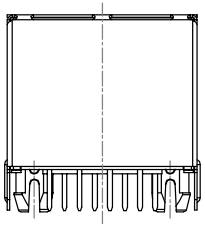
LEFT SIDE VIEW



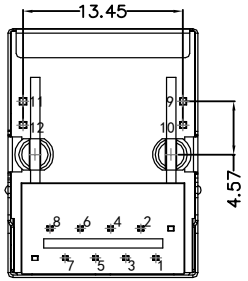
FRONT VIEW



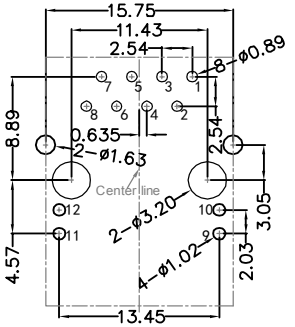
RIGHT SIDE VIEW



BACK VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

MATERIAL:

HOUSING : PBT,UL94V-0,BLACK.
TERMINALS BRACKET: PBT,UL94V-0,BLACK.
SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.
TERMINAL: PHOSPHOR BRONZE C5210,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 "*"

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°

VITALCONN a vital connector company

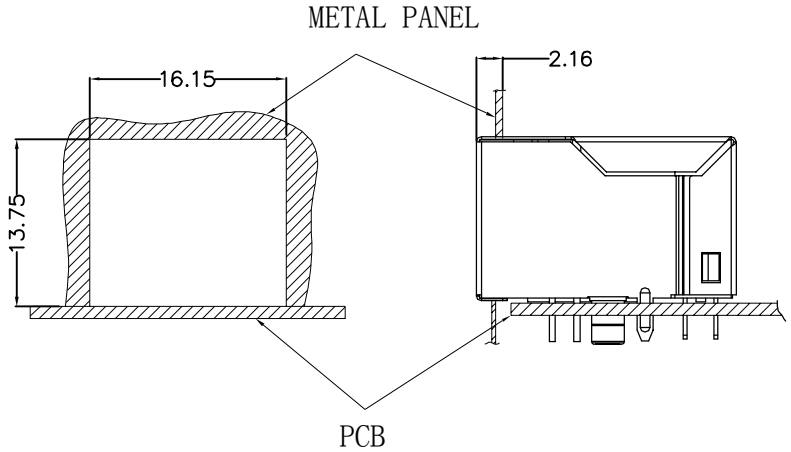
FOR YOUR VITAL CONNECTION

TITLE:	TAB-UP 1X1 10/100BASE					
DRAWN BY:	Zou Long	PART NO:	J11EH2143NPA0	SHEET:	1 OF 4	REV: A1
CHECKED BY:	Bob	DWG NO:	VTC-TZ-00071	SIZE: A4	UNIT:mm	FCN: A0
APPROVED BY:	QPF	PROJECTION:		http://www.vitalconn.com		

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

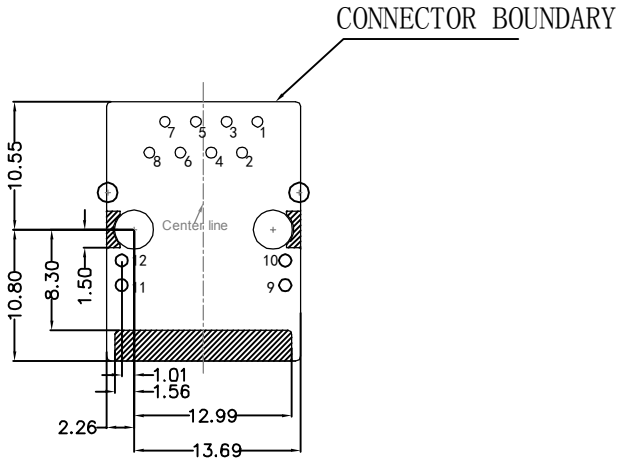
REV:	ECN. NO.	NAME	DATE
A1	-----	--------	11-15-2016

RECOMMENDED PANEL CUTOUT(REFFERENCE ONLY):



UNIT: MM / INCH
TOLERANCES: ±0.10 / 0.004
REFERENCE ONLY

KEEP-OUT AREA(COMPONENT SIDE VIEW):



PLUG-IN SIDE

UNIT: MM / INCH
TOLERANCES: ±0.10 / 0.004

TOLERANCE UNSPECIFIED						
x±0.35	x°±3.0°	VITALCONN a vital connector company	FOR YOUR VITAL CONNECTION			
.x±0.30	.x°±2.0°					
.xx±0.25	.xx°±1.5°	TITLE:	TAB-UP 1X1 10/100BASE			
.xxx±0.10	.xxx°±1.0°					
DRAWN BY:	Zou Long	PART NO:	J11EH2143NPA0	SHEET:	2 OF 4	REV: A1
CHECKED BY:	Bob	DWG NO:	VTC-TZ-00071	SIZE: A4	UNIT:mm	FCN: A0
APPROVED BY:	QPF	PROJECTION:		http://www.vitalconn.com		

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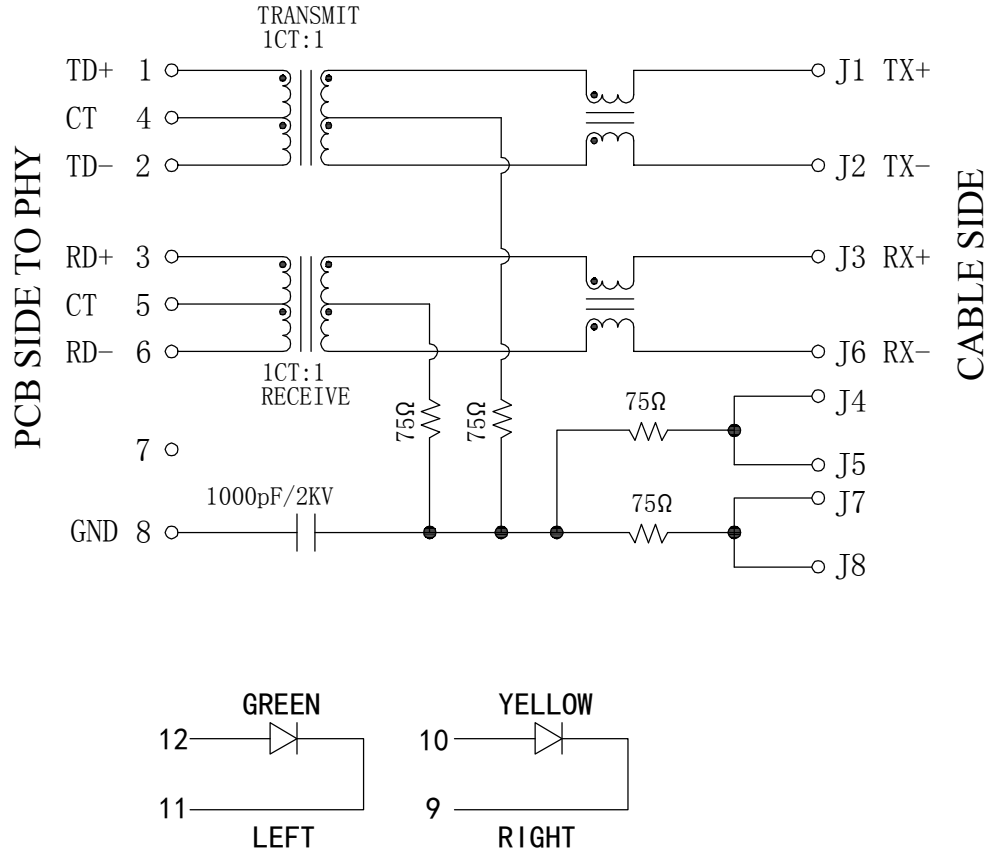

Electrical:

1.Turn ratio:1~2:J1~J2=1CT:1CT(±2%).
3~6:J3~J6=1CT:1CT(±2%).
2.OCL:350uH Min.at 100KHz 100mV 8mA DC.
3.Insertion Loss: -1.0 dB Max 1~100MHz.
4.Return loss: -20dB Min 1~10MHz;
-16dB Min 10~30MHz.
-12dB Min 30~60MHz.
-10dB Min 60~80MHz.
5.Cross talk: -40dB Min 1~30MHz;
-35dB Min 30~60MHz;
-30dB Min 60~100MHz;
6.CMR: -30dB Min 1~100MHz;
7.Hi-Pot:1500V AC & 2250V DC
6S 1mA PRI TO SEC

LED Specification

Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	568nm	20mA	1.85-2.45V
Yellow	585nm	20mA	1.7-2.2V

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°

VITALCONN a vital connector company

FOR YOUR VITAL CONNECTION

TITLE:	TAB-UP 1X1 10/100BASE					
DRAWN BY:	Zou Long	PART NO:	J11EH2143NPA0	SHEET:	3 OF 4	REV: A1
CHECKED BY:	Bob	DWG NO:	VTC-TZ-00071	SIZE: A4	UNIT:mm	FCN: A0
APPROVED BY:	QPF	PROJECTION:		http://www.vitalconn.com		

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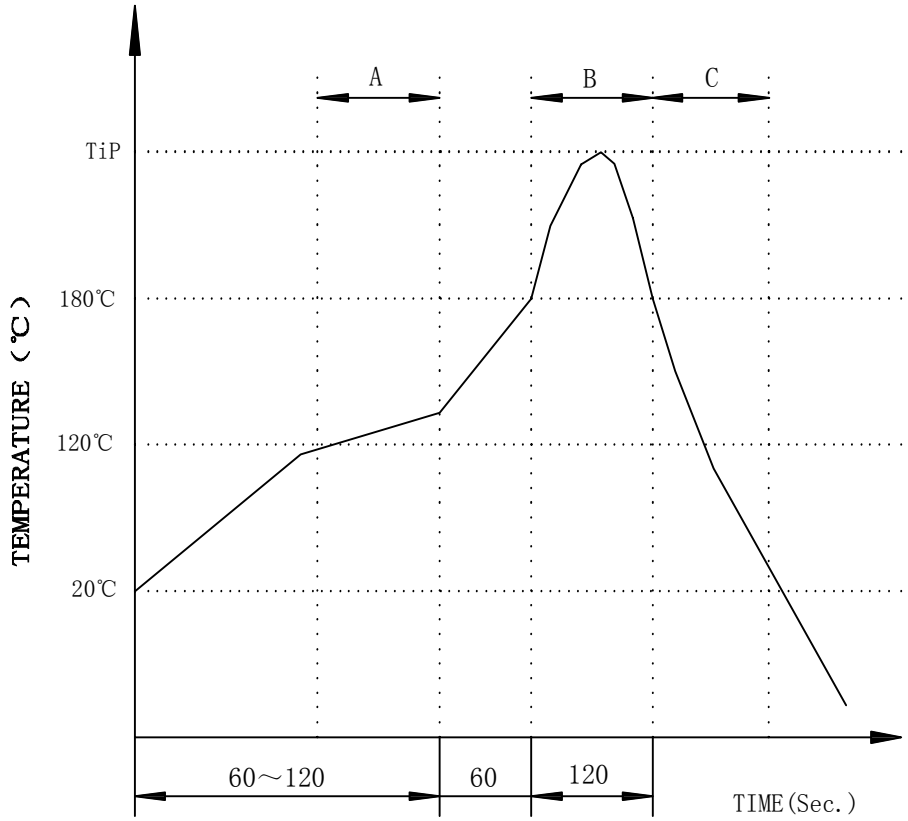
REV:	ECN. NO.	NAME	DATE
A1	-----	--------	11-15-2016

PROFILE OF WAVE SOLDER



A.Preheating B.Soldering C.Gradual Cooling
Tip temperature:260±5°C.
Tip temperature time:5Sec Max.
Tip melting point of Sn96.5/Ag3/Cu0.5:217°C.

Remarks: after wave soldering, the plastic positioning columns of the product which under the PCB will be slightly melted, but it won't affect its function.

TOLERANCE UNSPECIFIED						
x±0.35	x°±3.0°	VITALCONN a vital connector company	FOR YOUR VITAL CONNECTION			
.x±0.30	.x°±2.0°					
.xx±0.25	.xx°±1.5°	TITLE:	TAB-UP 1X1 10/100BASE			
.xxx±0.10	.xxx°±1.0°					
DRAWN BY:	Zou Long	PART NO:	J11EH2143NPA0	SHEET:	4 OF 4	REV: A1
CHECKED BY:	Bob	DWG NO:	VTC-TZ-00071	SIZE: A4	UNIT:mm	FCN: A0
APPROVED BY:	QPF	PROJECTION:		http://www.vitalconn.com		

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