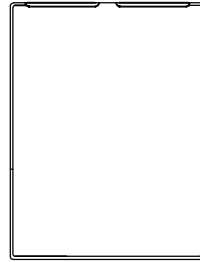
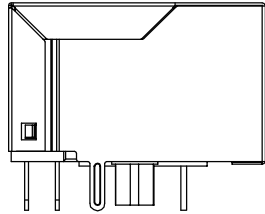


REACH & RoHS
COMPLIANT

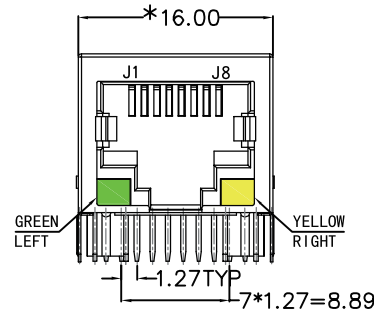
REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	Sunny.Xu	2018.05.18



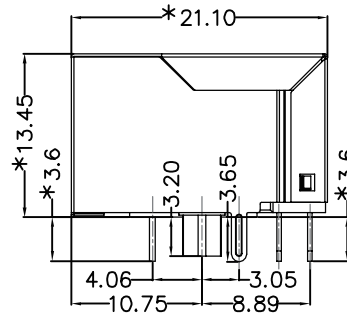
TOP VIEW



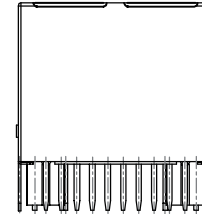
LEFT SIDE VIEW



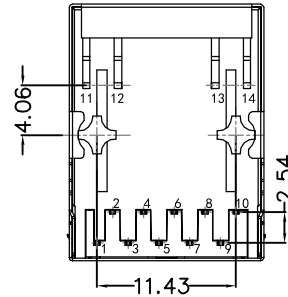
FRONT VIEW



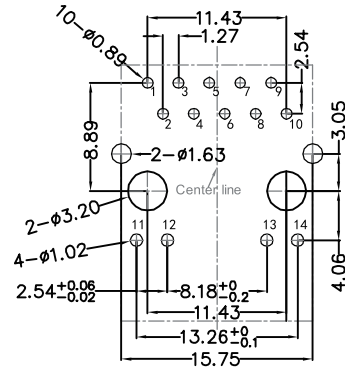
RIGHT SIDE VIEW



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 "*"

VOOHU 苏州沃虎电子科技有限公司
Su Zhou Voohu Electronic Tech.Co.Ltd

TEL: +86 400 1048 018

WEB: WWW.WOHU-TEK.COM

TITLE:
TAB-DOWN 1X1 10/100/1000BASE

PART NO.:
SYT111Q303AB2A1DFL

REMARK:

SIZE
A4

SACLE
1:1

SHEET
1/4

UNITS
MM[INCH]

REV
A0



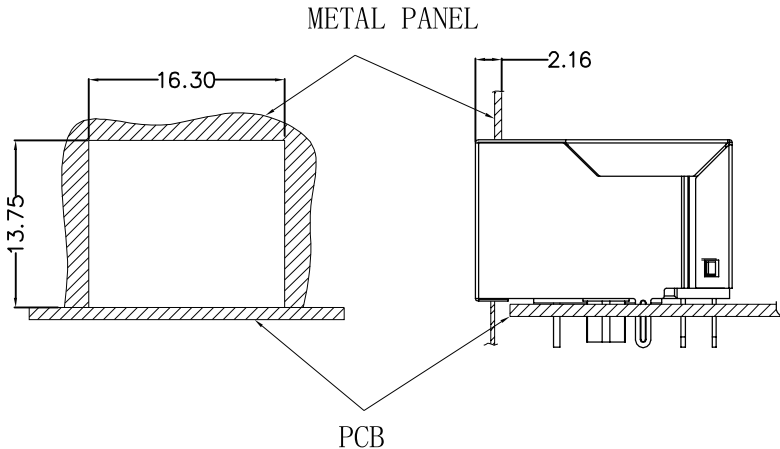
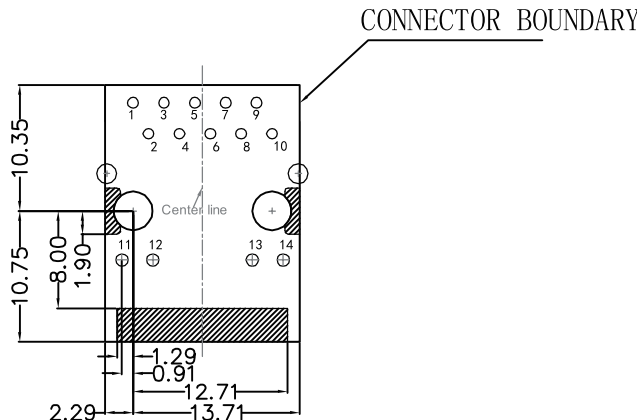
GENERAL TOLERANCES
UNLESS SPECIFIED

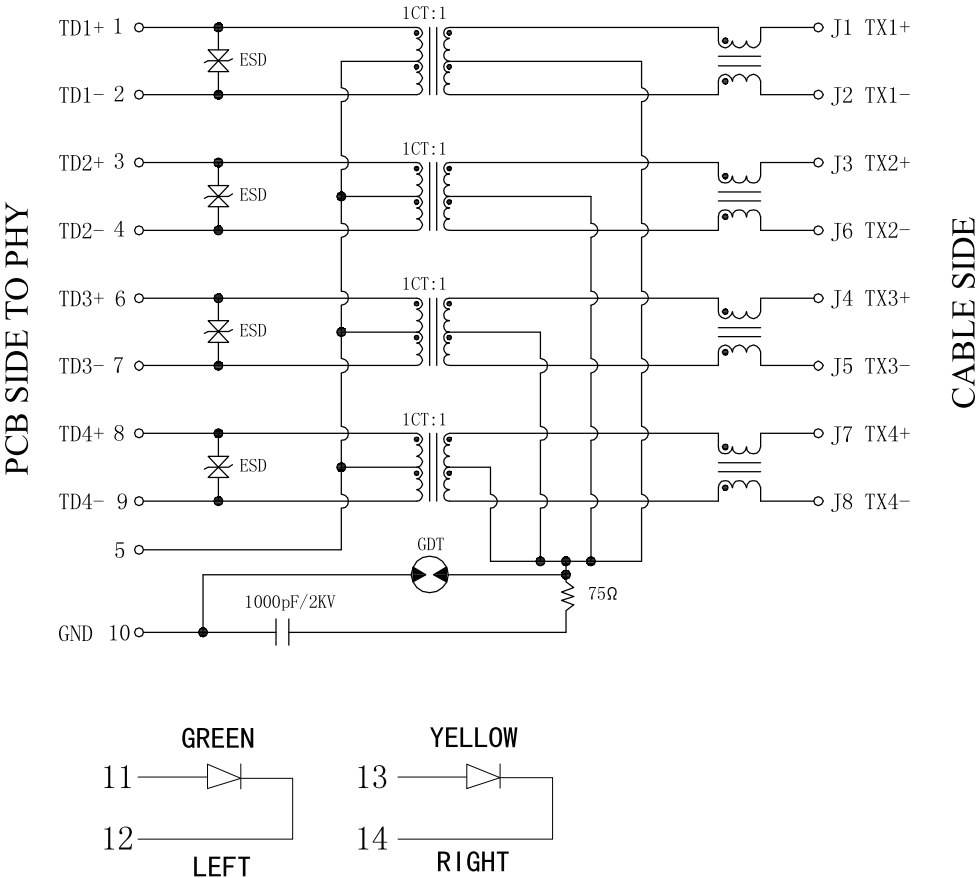
$x \pm 0.35$	$x^\circ \pm 3.0^\circ$
$.x \pm 0.30$	$.x^\circ \pm 2.0^\circ$
$.xx \pm 0.25$	$.xx^\circ \pm 1.5^\circ$
$.xxx \pm 0.10$	$.xxx^\circ \pm 1.0^\circ$

APPROVED BY:
Geoffrey.Song

CHECKED BY:
Elvis.Song

DESIGND BY:
Sunny.Xu

1		2		3		4		5		6		7		8	
REACH & RoHS COMPLIANT				RECOMMENDED PANEL CUTOUT (REFERENCE 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			
 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd				TITLE: TAB-DOWN 1X1 10/100/1000BASE				SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song			
				PART NO.: SYT111Q303AB2A1DFL				SACLE 1:1	REV A0	.x±0.35	.x°±3.0°	CHECKED BY: Elvis.Song			
				REMARK:				SHEET 2/4		.xx±0.25	.xx°±1.5°	DESIGND BY: Sunny.Xu			
										.xxx±0.10	.xxx°±1.0°				
TEL: +86 400 1048 018		WEB: WWW.WOHU-TEK.COM													



Electrical:

- Turn ratio: 1~2: J1~J2=1CT:1CT(±2%).
3~4: 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;
- IEC 61000-4-2 (ESD) ±30kV (air), ±30kV (contact);
IEC 61000-4-5 (SURGE) ±4kV (Difference Mode),
±6kV (Common mode).
- 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

1

2

3

4

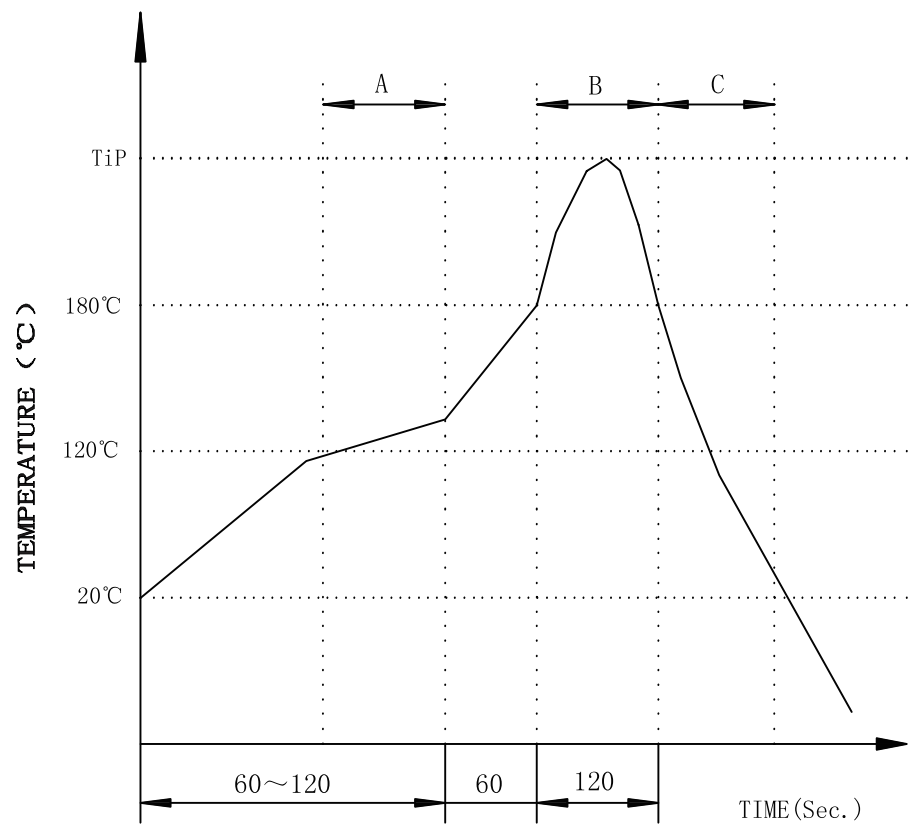
5

6

7

8

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.

VOOHU 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd			TITLE: TAB-DOWN 1X1 10/100/1000BASE		SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song	
			PART NO.: SYT111Q303AB2A1DFL		SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY: Elvis.Song	
TEL: +86 400 1048 018			REMARK:		SHEET 4/4		.xx±0.25	.xx°±1.5°	DESIGND BY: Sunny.Xu	
WEB: WWW.WOHU-TEK.COM							.xxx±0.10	.xxx°±1.0°		