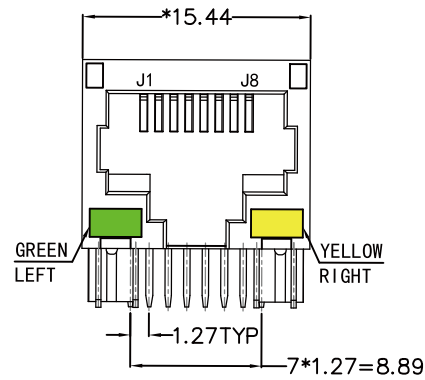
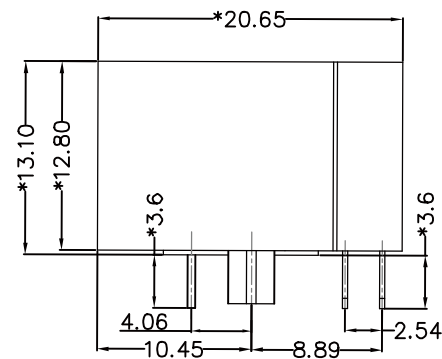


REACH & RoHS
COMPLIANT

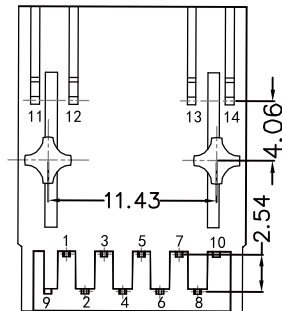
REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	Sunny.Xu	2018.03.19
A1	图纸P短顺序标错, 现已更新	Sunny.Xu	2025.6.6



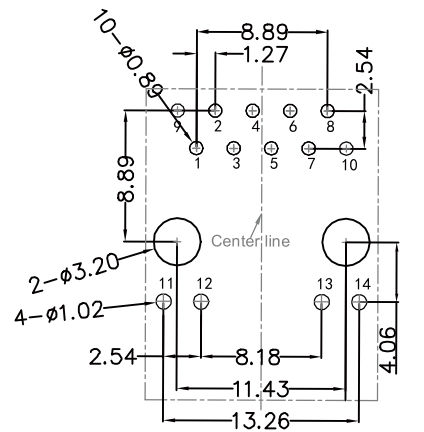
FRONT VIEW



RIGHT SIDE VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

MATERIAL:

HOUSING: PBT,UL94V-0,BLACK.

TERMINALS BRACKET: PBT,UL94V-0,BLACK.

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 1XI 100BASE

PART NO.:
SYT111B178JB2A1DDJP

REMARK:

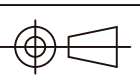
SIZE
A4

SCALE
1:1

SHEET
1/4

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

$x \pm 0.35$
 $.x \pm 0.30$
 $.xx \pm 0.25$
 $.xxx \pm 0.10$

$x^\circ \pm 3.0^\circ$
 $.x^\circ \pm 2.0^\circ$
 $.xx^\circ \pm 1.5^\circ$
 $.xxx^\circ \pm 1.0^\circ$

APPROVED BY:
Geoffrey.Song

CHECKED BY:
Elvis.Song

DESIGNED BY:
Sunny.Xu

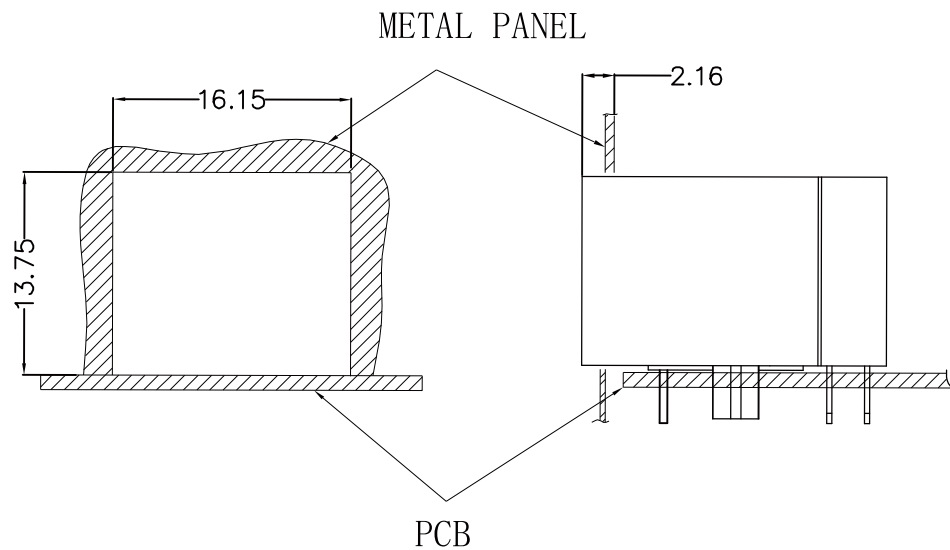
1
2
3
4
5
6
7
8

REACH & RoHS
COMPLIANT

REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	Sunny.Xu	2018.03.19
A1	图纸P短顺序标错，现已更新	Sunny.Xu	2025.6.6

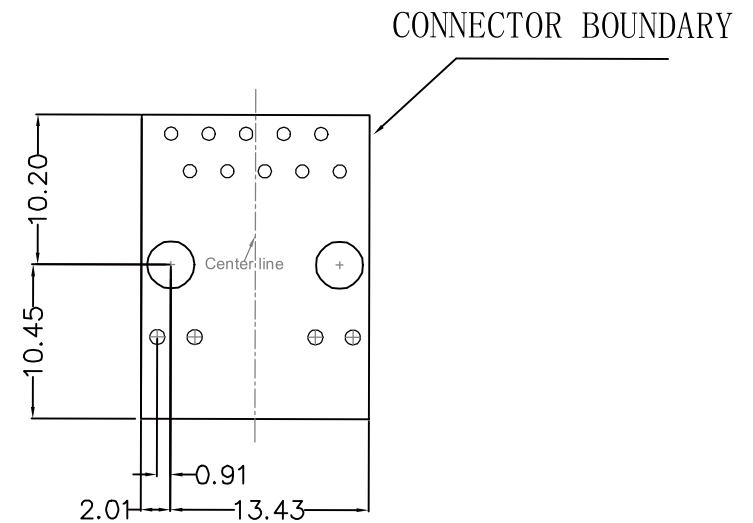
H
G
F
E
D
C
B
A

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
REFERENCE ONLY

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Su Zhou Voohu Electronic Tech.Co.Ltd

TITLE:
TAB-DOWN 1XI 100BASE

SIZE
A4

UNITS
MM[INCH]

GENERAL TOLERANCES
UNLESS SPECIFIED

APPROVED BY:
Geoffrey.Song

PART NO.:
SYT111B178JB2A1DDJP

SCALE
1:1

REV
A0

$x \pm 0.35$
 $.x \pm 0.30$

$x^\circ \pm 3.0^\circ$
 $.x^\circ \pm 2.0^\circ$

CHECKED BY:
Elvis.Song

TEL: +86 400 1048 018

WEB: WWW.WOHU-TEK.COM

REMARK:

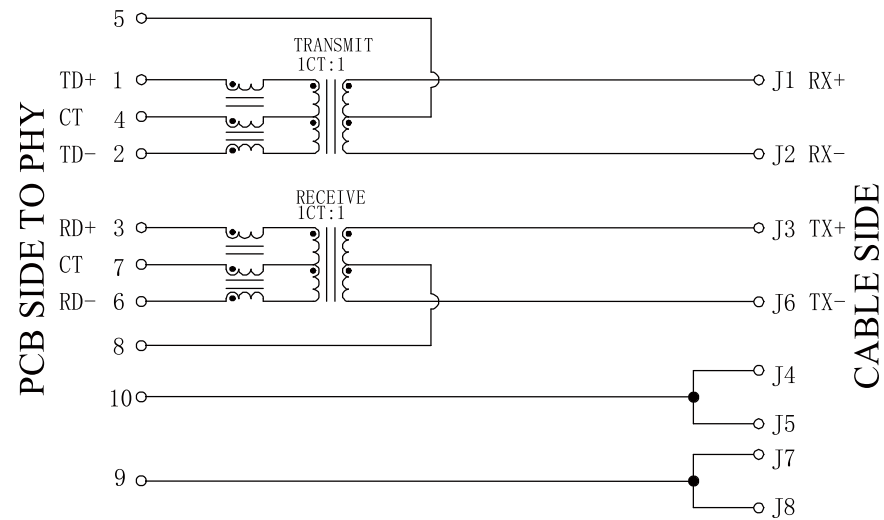
SHEET
2/4



$.xx \pm 0.25$
 $.xxx \pm 0.10$

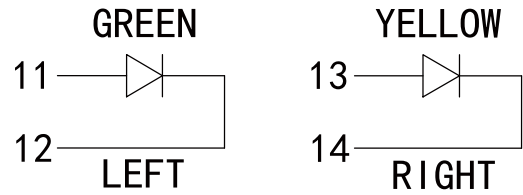
$.xx^\circ \pm 1.5^\circ$
 $.xxx^\circ \pm 1.0^\circ$

DESIGNED BY:
Sunny.Xu



Electrical:

- 1.Turn ratio:1~2:J1~J2=1CT:1CT(±2%).
3~6:J3~J6=1CT:1CT(±2%).
- 2.OCL:350uH Min.@ 100KHz 100mV
RMS(4Channel) 8mA DC BIAS.
- 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:500V AC 6S 1mA PRI TO SEC
- 8.Single port magnetic jack POE magnetics acc.
To IEEE802.3at for PSE or PD applications.
- 9.100% of production tested to comply with
IEEE 802.3 isolation equirements balanced DC
line current 720mA max. 57V DC continuous.



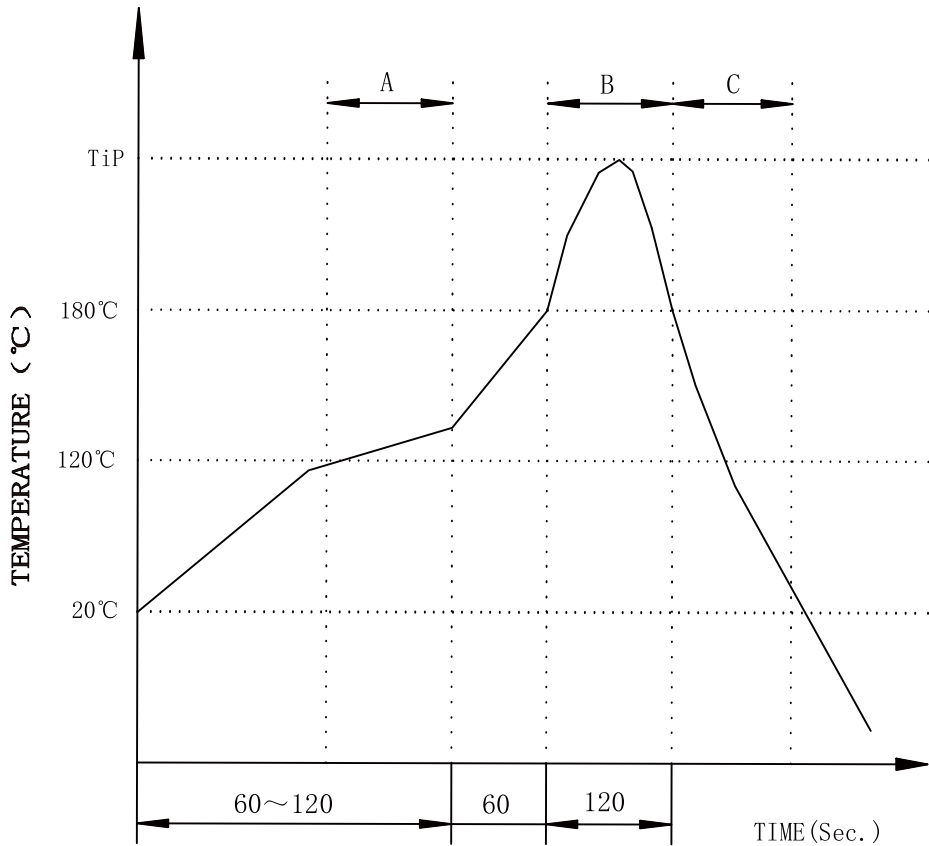
LED Specification

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

REACH & RoHS
COMPLIANT

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A1	图纸P短顺序标错，现已更新	Sunny.Xu	2025.6.6

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.

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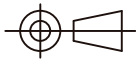
TEL: +86 400 1048 018

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TITLE:
TAB-DOWN 1XI 100BASE
PART NO.:
SYT111B178JB2A1DDJP

REMARK:

SIZE
A4
SCALE
1:1
SHEET
4/4



UNITS
MM[INCH]
REV
A0
.xx±0.25
.xxx±0.10
x°±3.0°
.x°±2.0°
.xx°±1.5°
.xxx°±1.0°

GENERAL TOLERANCES
UNLESS SPECIFIED
APPROVED BY:
Geoffrey.Song
CHECKED BY:
Elvis.Song
DESIGNED BY:
Sunny.Xu