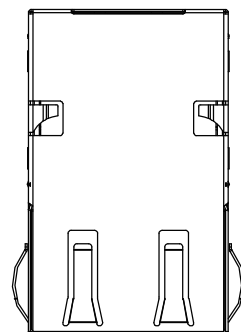
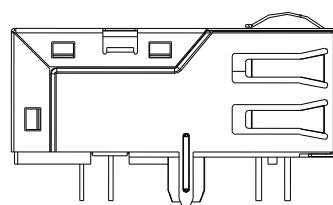


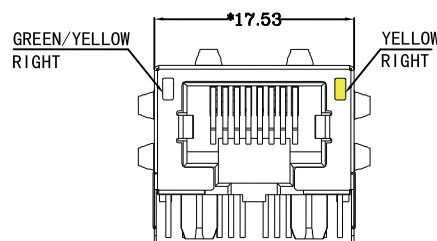
REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	TW.Xu	2018.11.08
A1	图面更新	Sunny.Xu	2020.08.03
A2	图纸优化	Sunny.Xu	2025.7.17



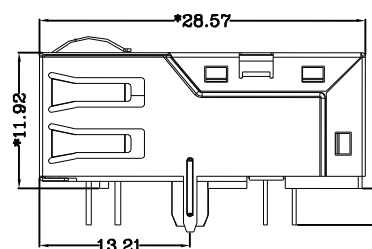
TOP VIEW



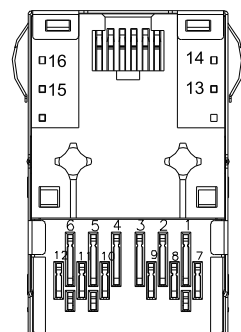
LEFT SIDE VIEW



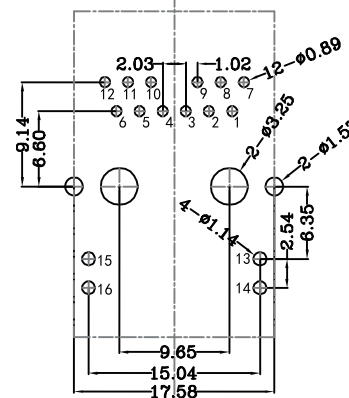
FRONT VIEW



RIGHT SIDE VIEW



BOTTOM VIEW

RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

MATERIAL:

HOUSING: LCP,UL94V-0,BLACK.
TERMINALS BRACKET: LCP,UL94V-0,BLACK.
SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.
TERMINAL: PHOSPHOR BRONZE C5191,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 "*"

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

TITLE: RJ45 1X1 1000BASE
PART NO.: SYT1211Q008FF1A10D057

SIZE	UNITS
A4	MM[INCH]

SCALE 1:1	REV A0
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GENERAL TOLERANCES
UNLESS SPECIFIED

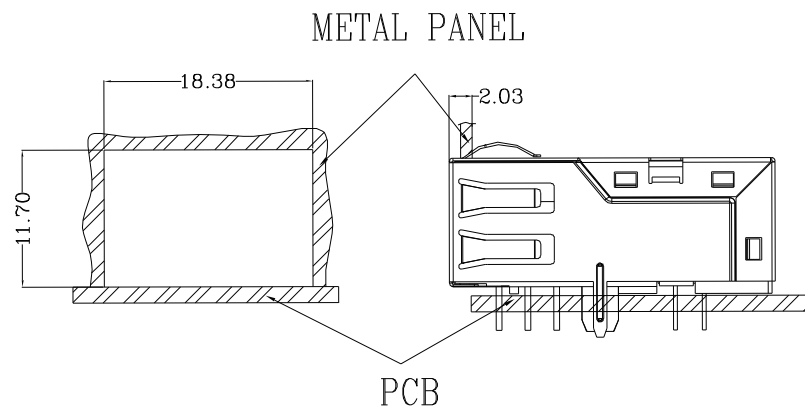
± 0.35	$\pm 3.0^\circ$
± 0.30	$\pm 2.0^\circ$
± 0.25	$\pm 1.5^\circ$
± 0.10	$\pm 1.0^\circ$

APPROVED BY:	Geoffrey.Song
CHECKED BY:	Elvis.Song
DESIGNED BY:	Sunny.Xu

REACH & RoHS
COMPLIANT

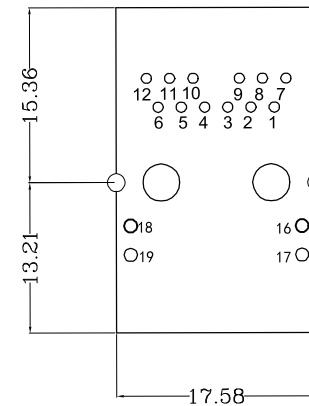
REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	TW.Xu	2018.11.08
A1	图面更新	Sunny.Xu	2020.08.03
A2	图纸优化	Sunny.Xu	2025.7.17

Suggested Panel Opening:



UNIT: mm / inch
Tolerances: ± 0.10 / 0.004

Keep-Out Area (Component Side View):



Plug In Side

UNIT: mm / inch
Tolerances: ± 0.10 / 0.004

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A4

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MM[INCH]

GENERAL TOLERANCES
UNLESS SPECIFIED

APPROVED BY:
Geoffrey.Song

PART NO.:
SYT1211Q008FF1A10D057

SCALE
1:1

REV
A0

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

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

CHECKED BY:
Elvis.Song

DESIGNED BY:
Sunny.Xu

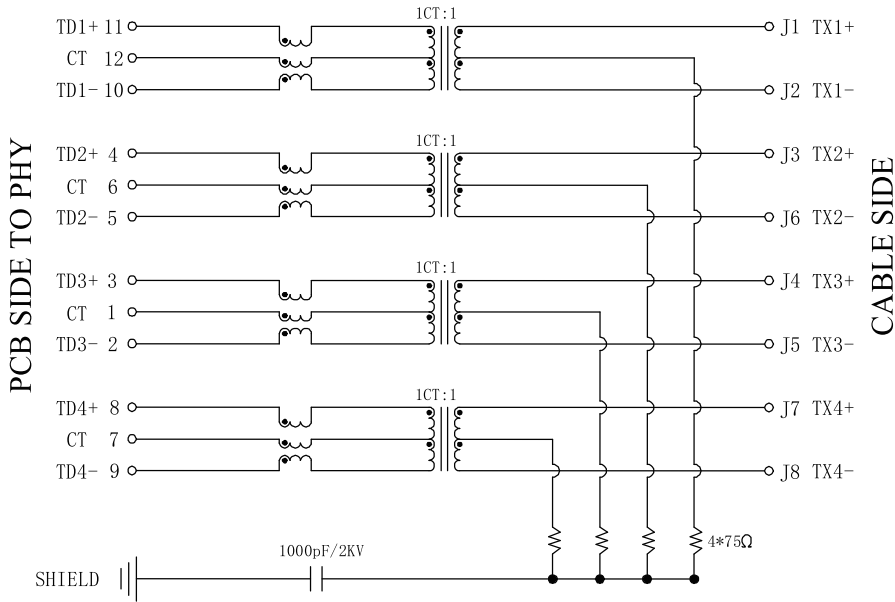
TEL: +86 400 1048 018

WEB: WWW.WOHU-TEK.COM

REMARK:

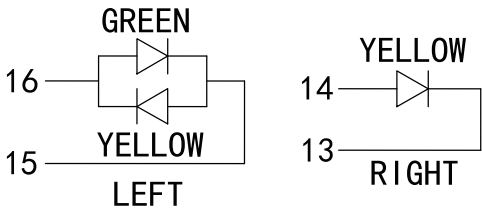
SHEET
2/4





Electrical:

- Turn ratio:1 1~10:J1~J2=1CT:1CT(±2%).
4~5:J3~J6=1CT:1CT(±2%).
3~2: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 0.1~100MHz.
- Return loss: -16dB Min 1~30MHz;
-14.5dB Min 30~60MHz.
-12dB Min 60~80MHz.
- Cross talk: -30dB Min 0.1~100MHz;
- CMR: -30dB Min 0.1~100MHz;
- Hi-Pot:2250V DC 6S 1mA PRI TO SEC



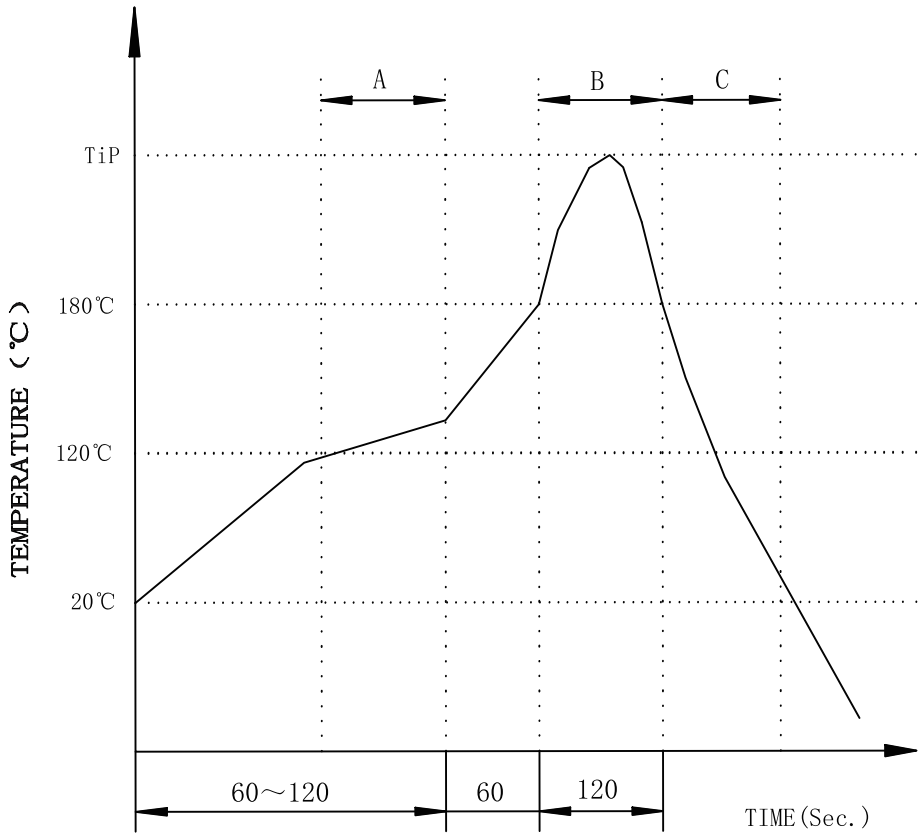
LED Specification

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

REACH & RoHS
COMPLIANT

REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	TW.Xu	2018.11.08
A1	图面更新	Sunny.Xu	2020.08.03
A2	图纸优化	Sunny.Xu	2025.7.17

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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TITLE:
RJ45 1X1 1000BASE

PART NO.:
SYT1211Q008FF1A10D057

REMARK:

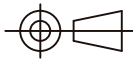
SIZE
A4

SCALE
1:1

SHEET
4/4

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

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

APPROVED BY:
Geoffrey.Song

CHECKED BY:
Elvis.Song

DESIGNED BY:
Sunny.Xu