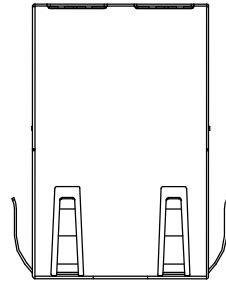


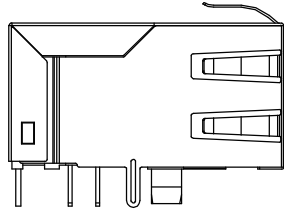
1
2
3
4
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6
7
8

REACH & RoHS
COMPLIANT

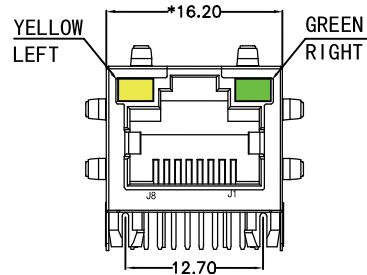
REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	Sunny.Xu	2018.10.15



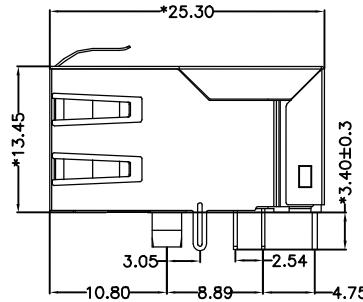
TOP VIEW



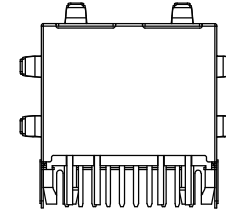
LEFT SIDE VIEW



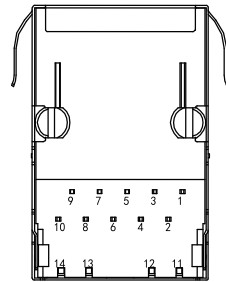
FRONT VIEW



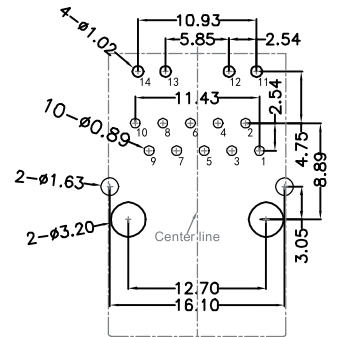
RIGHT SIDE VIEW



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,
30U" 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

TITLE:
RJ45 1X1 10G

PART NO.:
SYT311Q884DB1A4DHBN1

REMARK:

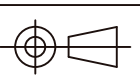
SIZE
A4

SCALE
1:1

SHEET
1/4

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

x±0.35
.x±0.30
.xx±0.25
.xxx±0.10

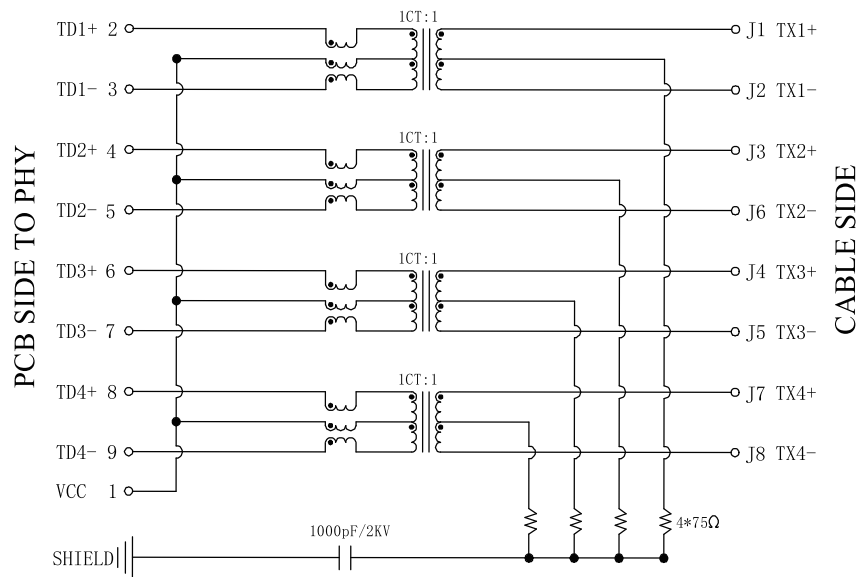
APPROVED BY:
Geoffrey.Song

CHECKED BY:
Elvis.Song

DESIGNED BY:
Sunny.Xu

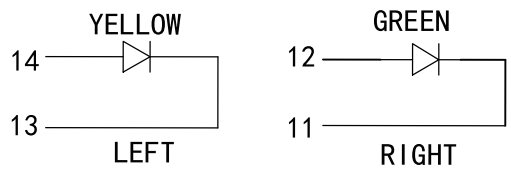
TEL: +86 400 1048 018

WEB: WWW.WOHU-TEK.COM



Electrical:

- 1.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%).
- 2.OCL:160uH Min.@ 100KHz 0.1V.
- 3.Insertion Loss: -3.0 dB MAX 100MHz
-2.0 dB MAX (-1.4 dB TYP) 1~400MHz
- 4.Return loss: -22 dB MIN 1-100 MHz
-22 + 20.75*LOG (f/100) 100 MHZ-500 MHZ
- 5.Cross talk:-28dB Min 1~100MHz;
-19dB Min 100~500MHz;
- 6.CMR: -30dB Min 1~40MHz;
-28dB Min 40~100MHz;
-26dB Min 100~500MHz;
- 7.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

1

2

3

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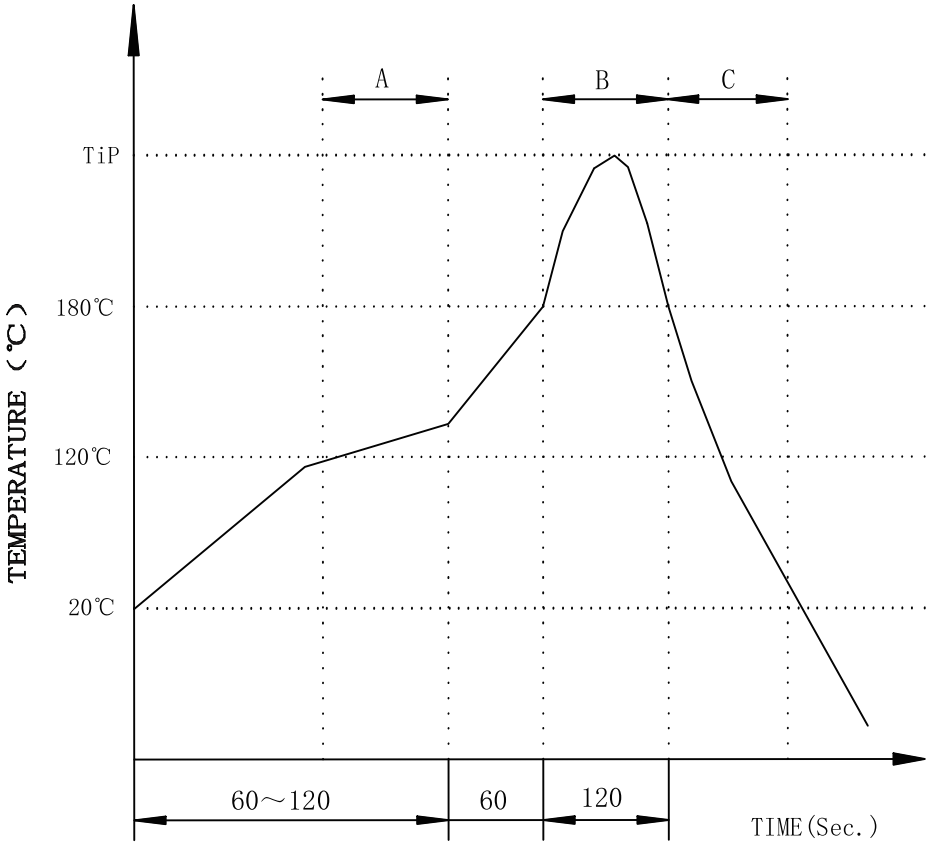
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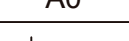
8

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: RJ45 1X1 10G	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
		PART NO.: SYT311Q884DB1A4DHBN1	SCALE 1:1	REV A0	x±0.35 .x±0.30	x°±3.0° .x°±2.0°	CHECKED BY: Elvis.Song
TEL: +86 400 1048 018	WEB: WWW.WOHU-TEK.COM	REMARK:	SHEET 4/4		.xx±0.25 .xxx±0.10	.xx°±1.5° .xxx°±1.0°	DESIGNED BY: Sunny.Xu