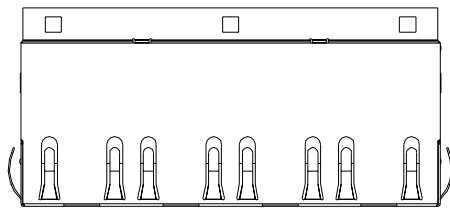
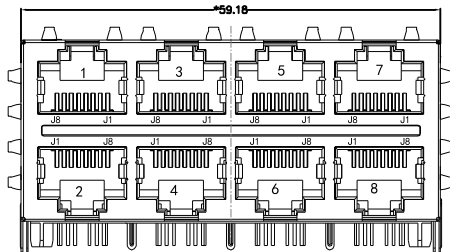


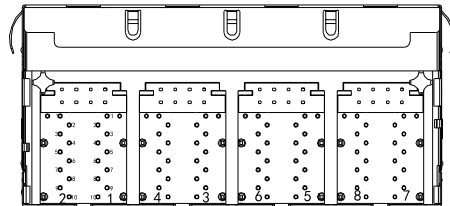
REACH & RoHS
COMPLIANT



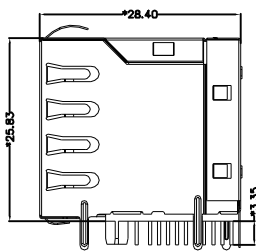
TOP VIEW



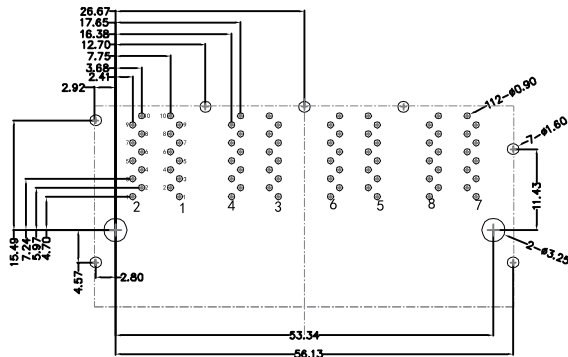
FRONT VIEW



BOTTOM VIEW



RIGHT SIDE 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 C5191,Ø=0.46MM,

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:
RJ45 2X4 1000BASE

PART NO.:
SYT24Q042HWA1D057

REMARK:

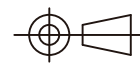
SIZE
A4

SACLE
1:1

SHEET
1/3

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

x±0.35
.x±0.30

.xx±0.25
.xxx±0.10

x°±3.0°
.x°±2.0°

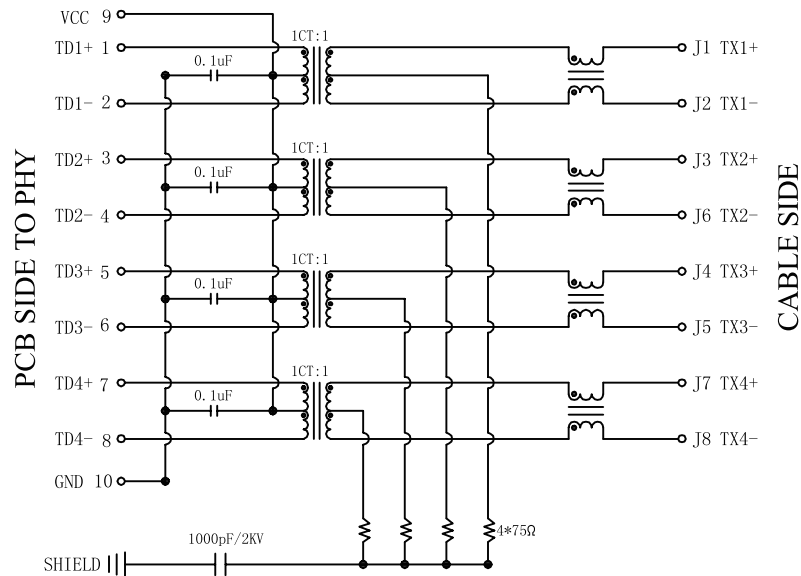
.xx°±1.5°
.xxx°±1.0°

APPROVED BY:
Geoffrey.Song

CHECKED BY:
Elvis.Song

DESIGND BY:
Sunny.Xu

REACH & RoHS
COMPLIANT



Electrical:

- 1.Turn ratio:1~2:J1~J2=1CT:1CT($\pm 2\%$).
3~4:J3~J6=1CT:1CT($\pm 2\%$).
5~6:J4~J5=1CT:1CT($\pm 2\%$).
7~8:J7~J8=1CT:1CT($\pm 2\%$).
- 2.OCL:350uH Min.at 100KHz 100mV 8mA DC.
- 3.Insertion Loss: -1.0 dB Max 1~100MHz.
- 4.Return loss: -18dB Min 1~30MHz;
-14dB Min 30~60MHz.
-12dB Min 60~80MHz.
-10dB Min 80~100MHz.
- 5.Cross talk: -40dB Min 1~30MHz;
-35dB Min 30~60MHz;
-30dB Min 60~100MHz;
- 6.CMR: -30dB Min 1~100MHz;
- 7.Hi-Pot:2250V DC 6S 1mA PRI TO SEC

TITLE:

RJ45 2X4 1000BASE

SIZE
A4

UNITS
MM[INCH]

GENERAL TOLERANCES
UNLESS SPECIFIED

APPROVED BY:

Geoffrey.Song

PART NO.:

SYT24Q042HWA1D057

SACLE
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

REMARK:

SHEET
2/3



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

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

DESIGN BY:

Sunny.Xu

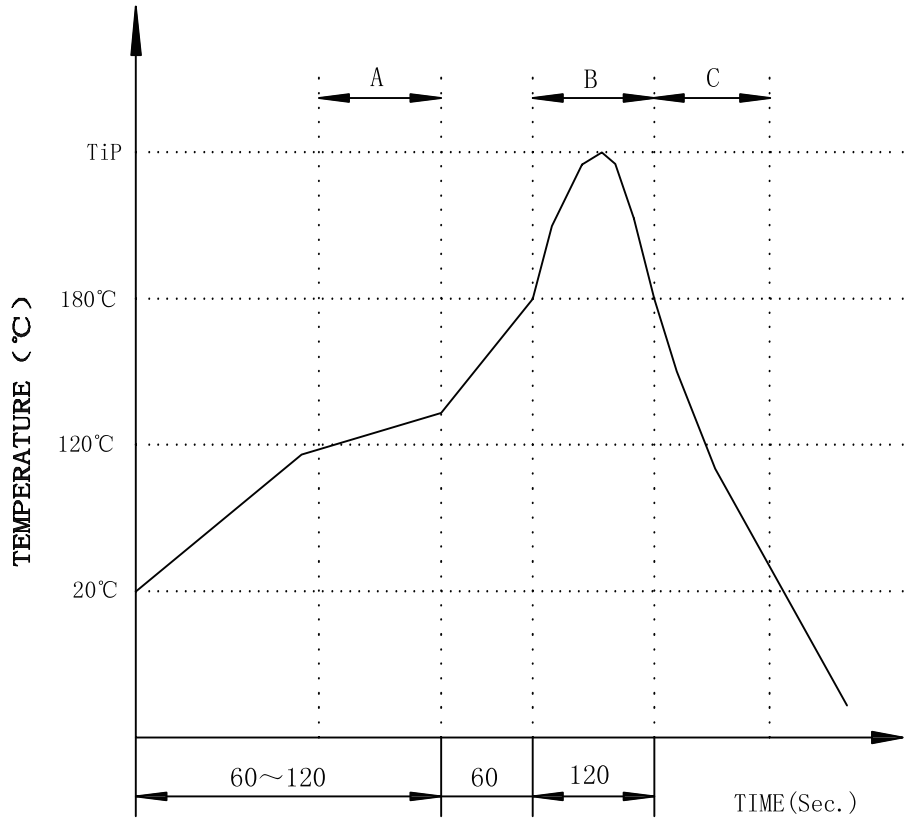
VOOHU 苏州沃虎电子科技有限公司
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REACH & RoHS
COMPLIANT

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 2X4 1000BASE	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
		PART NO.: SYT24Q042HWA1D057	SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY: Elvis.Song
					.x±0.30	.x°±2.0°	
TEL: +86 400 1048 018	WEB: WWW.WOHU-TEK.COM	REMARK:	SHEET 3/3		.xx±0.25	.xx°±1.5°	DESIGND BY: Sunny.Xu
					.xxx±0.10	.xxx°±1.0°	