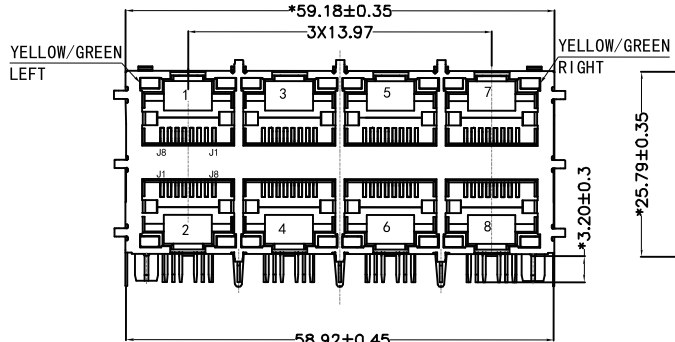
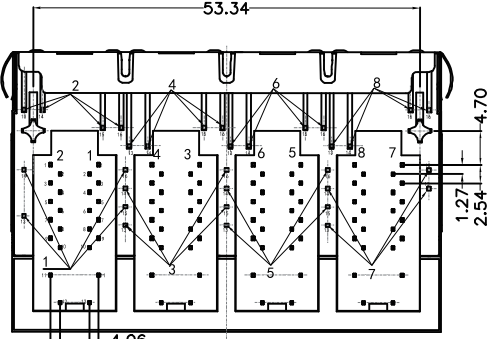


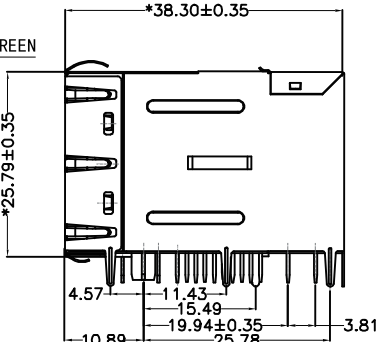
TOP VIEW



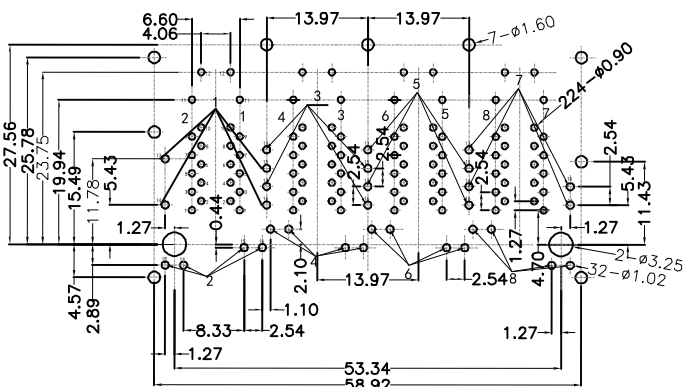
FRONT VIEW



BOTTOM VIEW



RIGHT SIDE VIEW



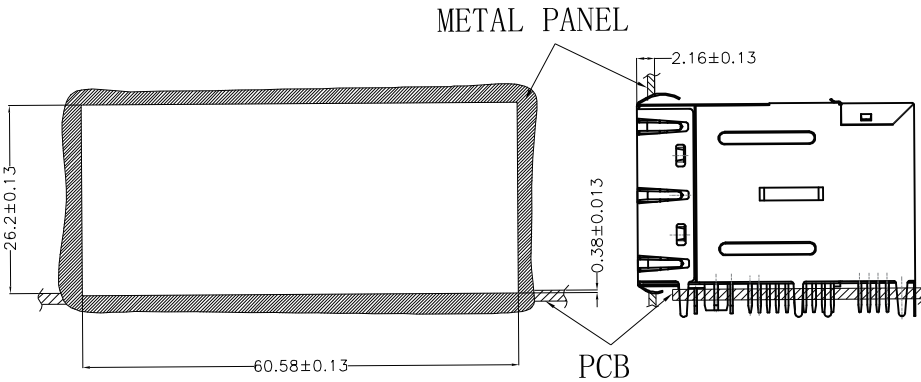
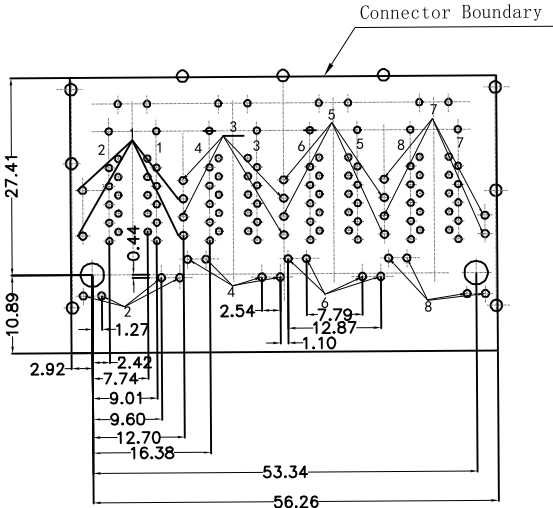
RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

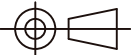
MATERIAL:
HOUSING: PA66,UL94V-0,BLACK.
TERMINALS BRACKET: PA66,UL94V-0,BLACK.
SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.
TERMINAL: PHOSPHOR BRONZE C5210,T=0.35MM,
6U" GOLD PLATING ON CONTACT AREA.

MECHANICAL:
DURABILITY: 750 CYCLES MIN.
MATING FORCE: 23N MAX.
OPERATING TEMPERATURE: -40℃~+85℃.
STORAGE TEMPERATURE: -40℃~+85℃.
ALL CRITICAL DIMENSIONS WITH "*"

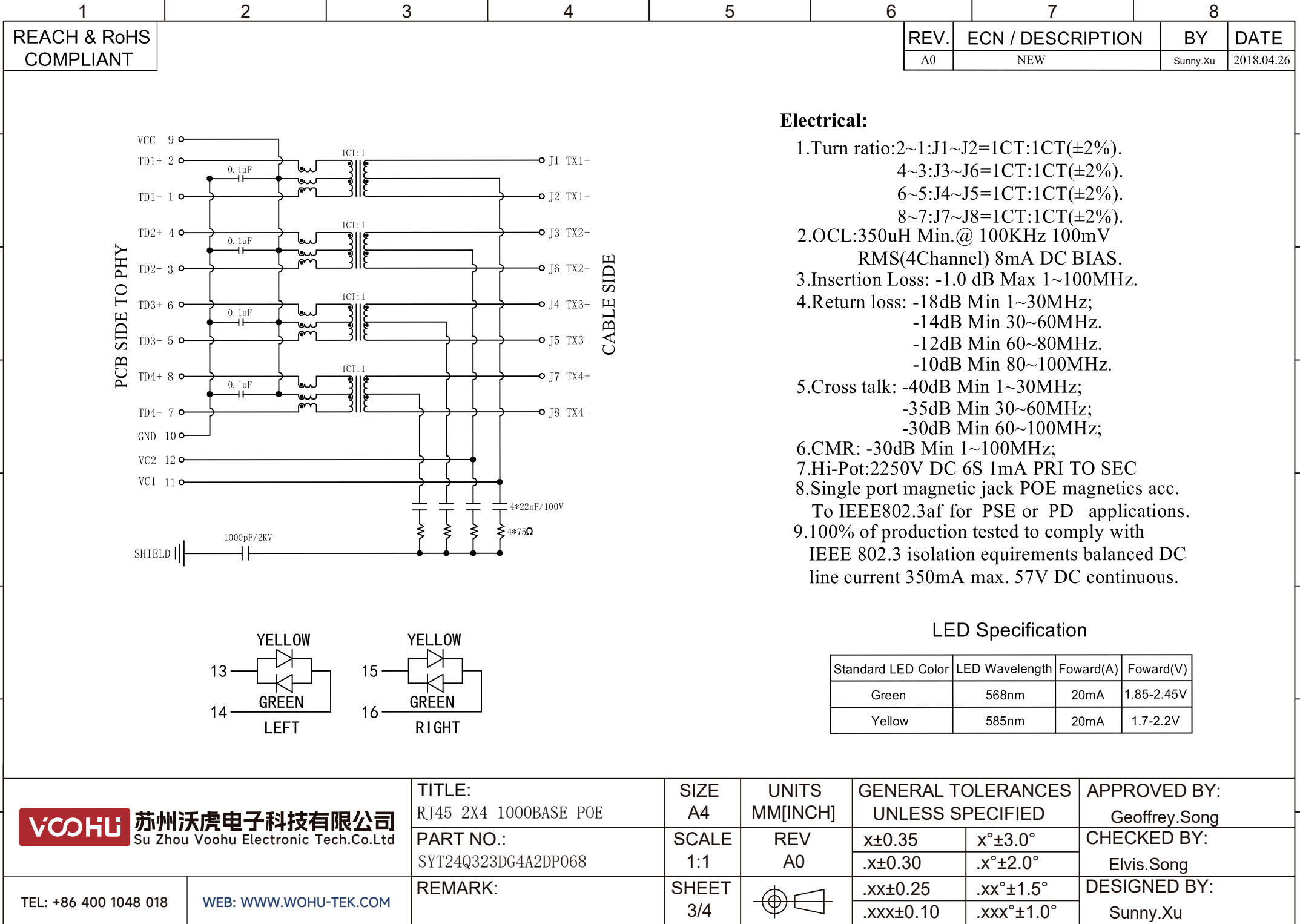
A	VOOHU 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd		TITLE: RJ45 2X4 1000BASE POE	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
			PART NO.: SYT24Q323DG4A2DP068	SCALE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY: Elvis.Song
			REMARK:	SHEET 1/4		.xx±0.25	.xx°±1.5°	DESIGNED BY: Sunny.Xu
TEL: +86 400 1048 018		WEB: WWW.WOHU-TEK.COM				.xxx±0.10	.xxx°±1.0°	

1	2	3	4	5	6	7	8		
REACH & RoHS COMPLIANT						REV.	ECN / DESCRIPTION	BY	DATE
						A0	NEW	Sunny.Xu	2018.04.26

H									H
G	RECOMMENDED PANEL CUTOUT (REFERENCE ONLY):				KEEP-OUT AREA (COMPONENT SIDE VIEW):				G
F									F
E									E
D									D
C	UNIT: mm / inch Tolerances: ±0.10 / 0.004				UNIT: mm / inch Tolerances: ±0.10 / 0.004				C
B									B

A	 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd		TITLE: RJ45 2X4 1000BASE POE	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song	
			PART NO.: SYT24Q323DG4A2DP068	SCALE 1:1	REV A0	.xx±0.35	x°±3.0°	CHECKED BY:	
	TEL: +86 400 1048 018 WEB: WWW.WOHU-TEK.COM		REMARK:	SHEET 2/4		.xx±0.25	.xx°±1.5°	DESIGNED BY: Sunny.Xu	
						.xxx±0.10	.xxx°±1.0°		

1	2	3	4	5	6	7	8
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Electrical:

1.Turn ratio:2~1:J1~J2=1CT:1CT(±2%).
4~3:J3~J6=1CT:1CT(±2%).
6~5:J4~J5=1CT:1CT(±2%).
8~7:J7~J8=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: -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

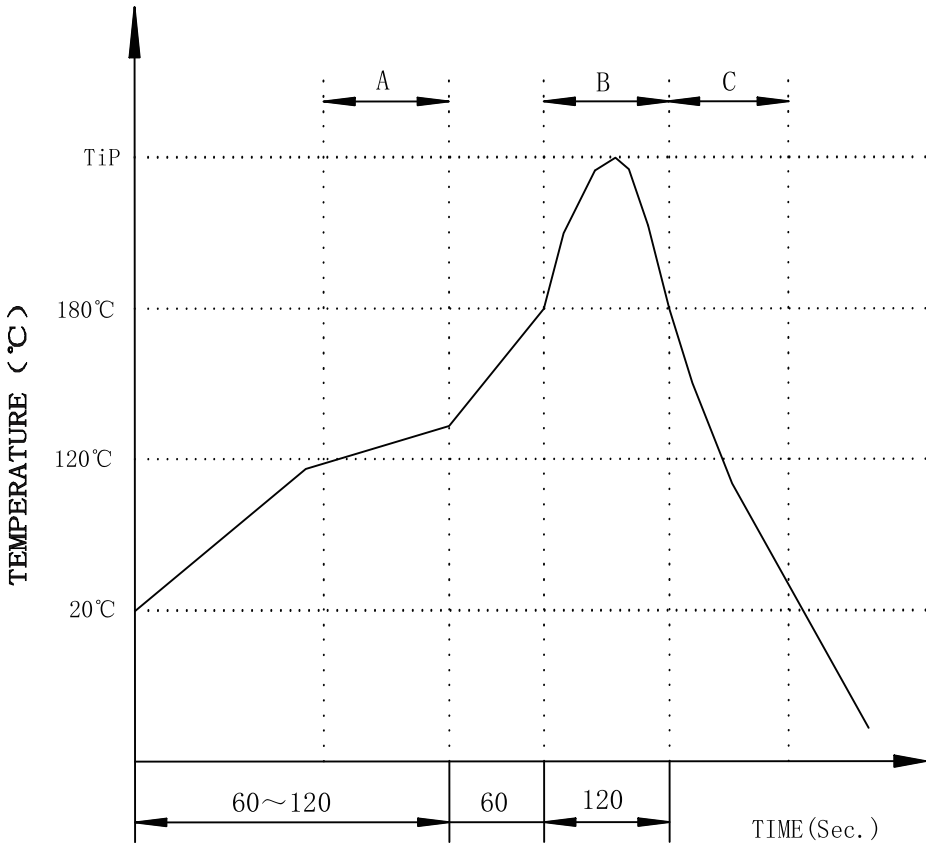
8.Single port magnetic jack POE magnetics acc.
To IEEE802.3af for PSE or PD applications.

9.100% of production tested to comply with
IEEE 802.3 isolation equirements balanced DC
line current 350mA 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

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 POE	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
		PART NO.: SYT24Q323DG4A2DP068	SCALE 1:1	REV A0	.x±0.35	x°±3.0°	CHECKED BY:
TEL: +86 400 1048 018 WEB: WWW.WOHU-TEK.COM		REMARK:	SHEET 4/4		.xx±0.25	.xx°±1.5°	DESIGNED BY: Sunny.Xu
					.xxx±0.10	.xxx°±1.0°	