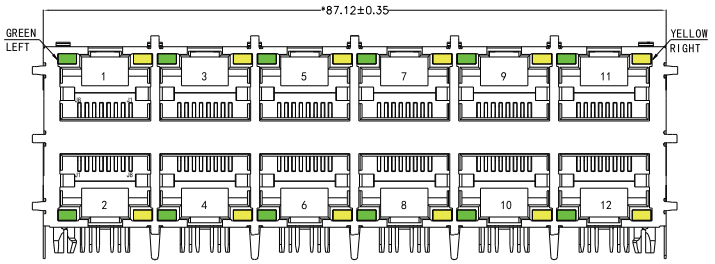
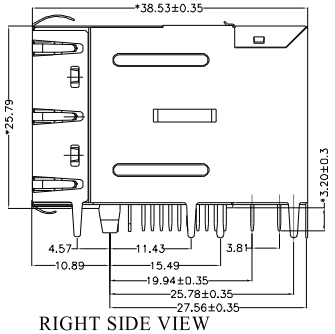
REACH & RoHS COMPLIANT



FRONT VIEW



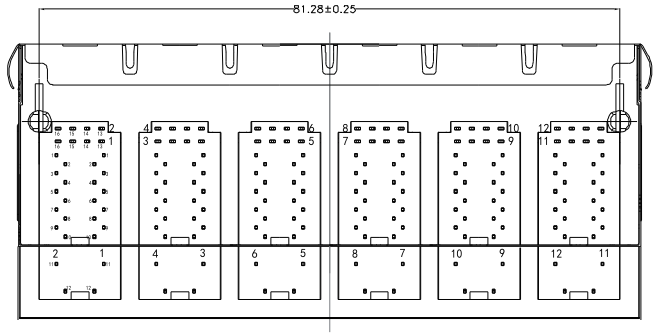
RIGHT SIDE VIEW

MATERIAL:

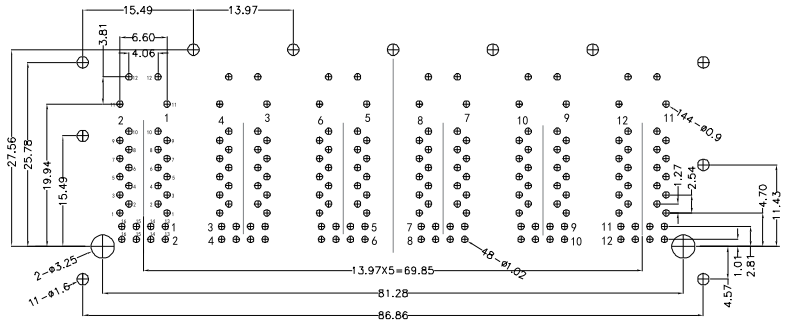
HOUSING: PA66,UL94V-0,BLACK.
TERMINALS BRACKET: PA66,UL94V-0,BLACK.
SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.
TERMINAL: PHOSPHOR BRONZE C5210,T=0.35MM,
6U" GOLD PLATING ON CONTACT AREA.

MECHANICAL:

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



BOTTOM VIEW



RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

VOOHU 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd	TITLE: RJ45 2X6 1000BASE POE	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
	PART NO.: SYT26Q248DB2A5DP068	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 1/4		.xx±0.25	.xx°±1.5°	DESIGND BY: Sunny.Xu
				.xxx±0.10	.xxx°±1.0°	

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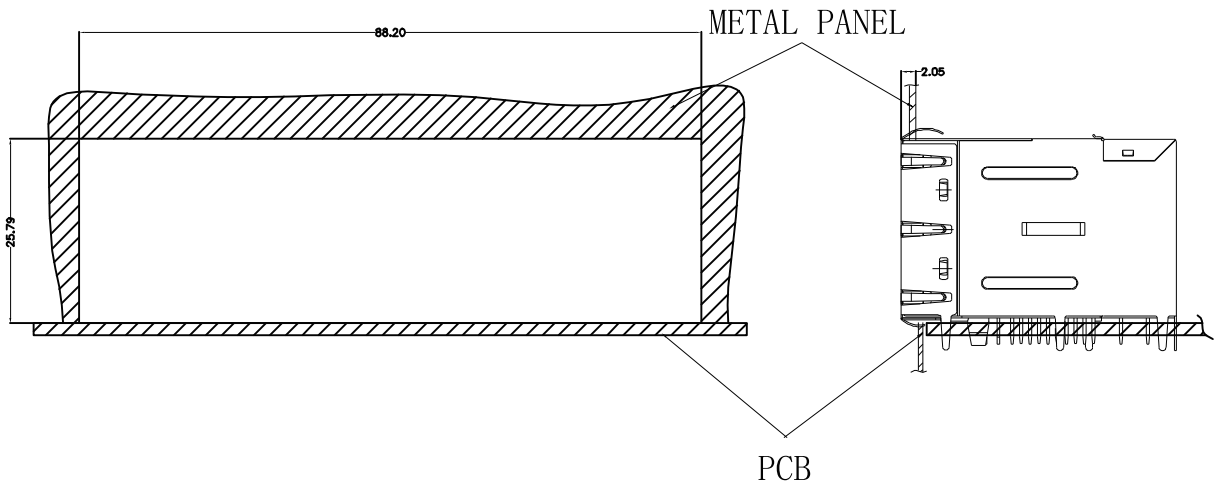
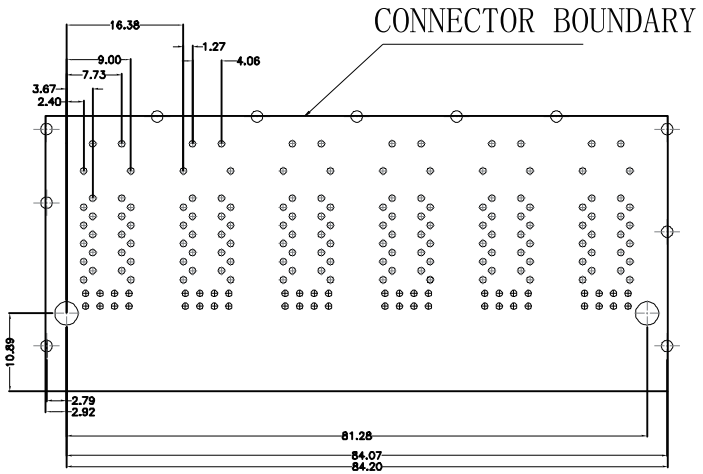
RECOMMENDED PANEL CUTOUT(REFFERENCE ONLY):



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

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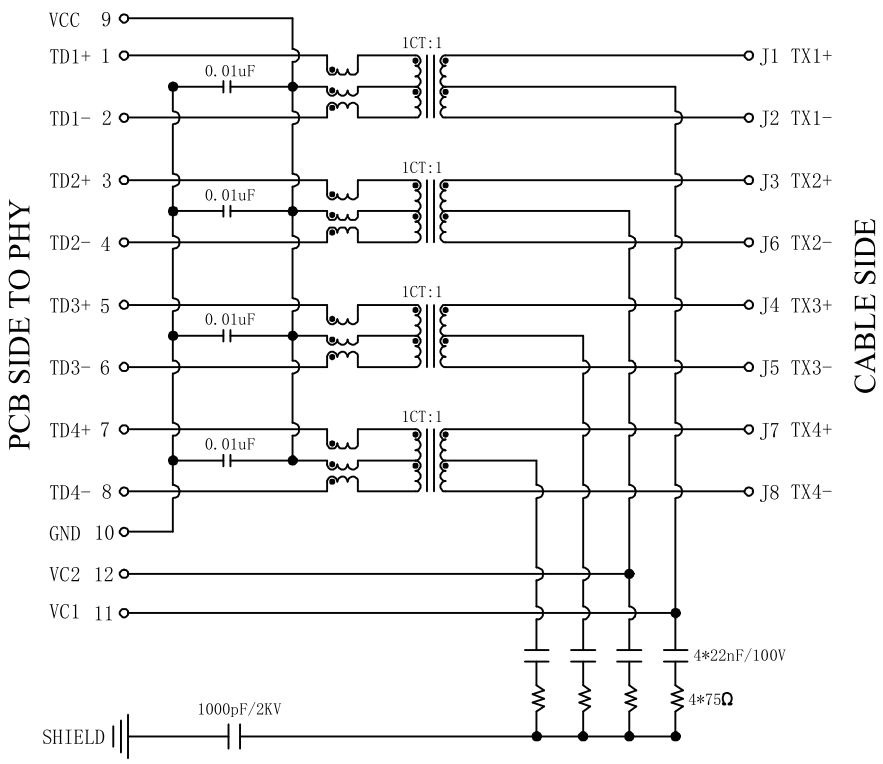
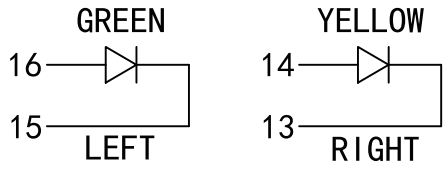
				.x±0.30	.x°±2.0°	
TEL: +86 400 1048 018 WEB: WWW.WOHU-TEK.COM	REMARK:	SHEET 2/4		.xx±0.25	.xx°±1.5°	DESIGND BY: Sunny.Xu
				.xxx±0.10	.xxx°±1.0°	

REACH & RoHS COMPLIANT





Electrical:

1.Turn ratio:1~2:J1~J2=1CT:1CT(±2%).
3~4:J3~J6=1CT:1CT(±2%).
5~6:J4~J5=1CT:1CT(±2%).
7~8: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: -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:2250V DC 6S 1mA MLCC
8.Gigabit 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

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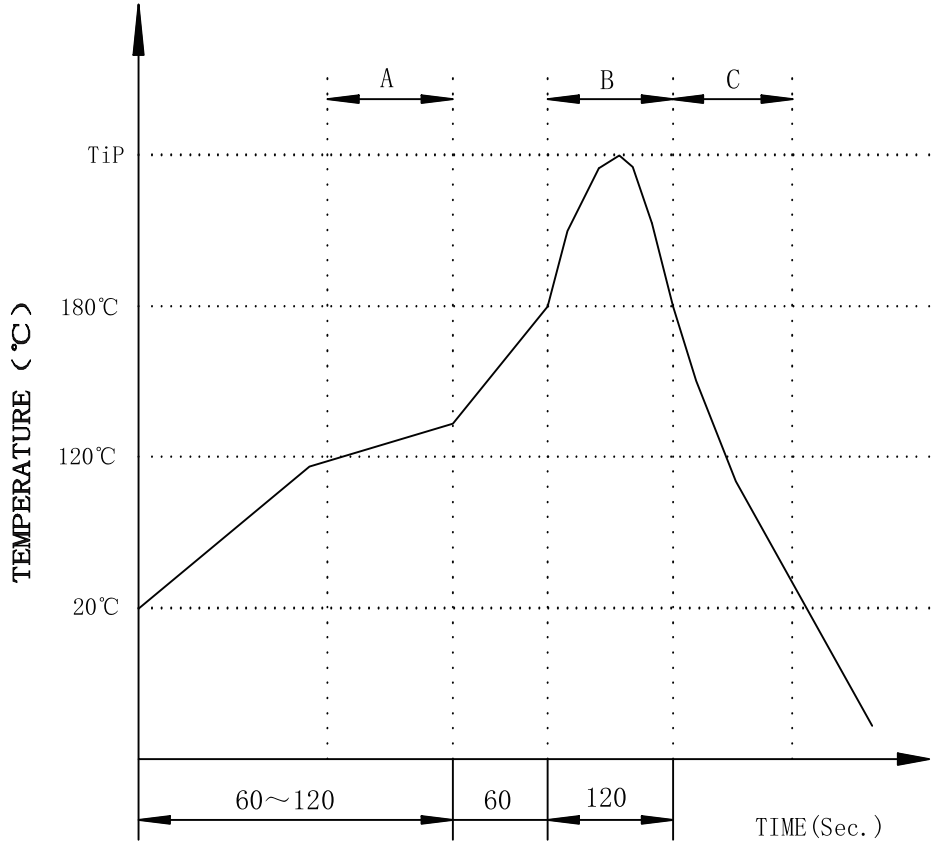
TITLE: RJ45 2X6 1000BASE POE	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
PART NO.: SYT26Q248DB2A5DP068	SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY: Elvis.Song
			.x±0.30	.x°±2.0°	
REMARK:	SHEET 3/4		.xx±0.25	.xx°±1.5°	DESIGND BY: Sunny.Xu
			.xxx±0.10	.xxx°±1.0°	

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.

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TEL: +86 400 1048 018 WEB: WWW.WOHU-TEK.COM	REMARK:	SHEET 4/4		.xx±0.25	.xx°±1.5°	DESIGND BY: Sunny.Xu
				.xxx±0.10	.xxx°±1.0°	