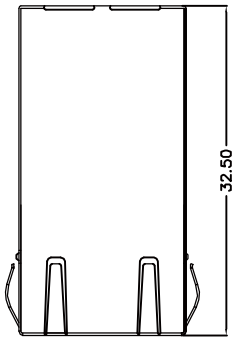
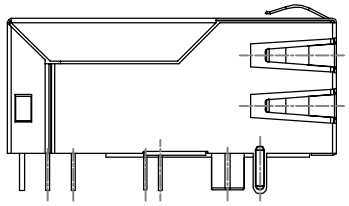
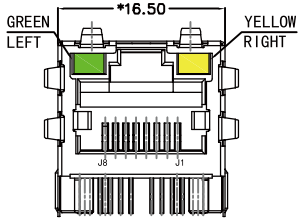
REACH & RoHS COMPLIANT



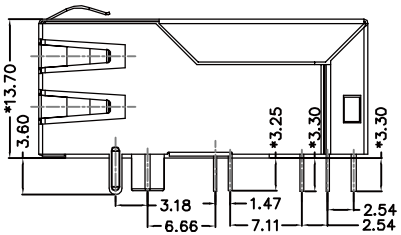
TOP VIEW



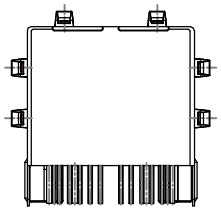
LEFT SIDE VIEW



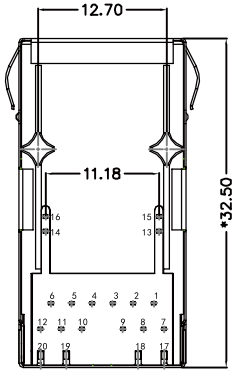
FRONT VIEW



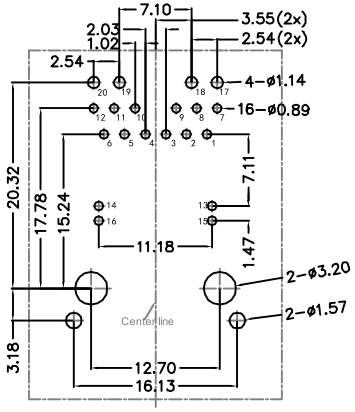
RIGHT SIDE VIEW



BACK VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

MATERIAL:

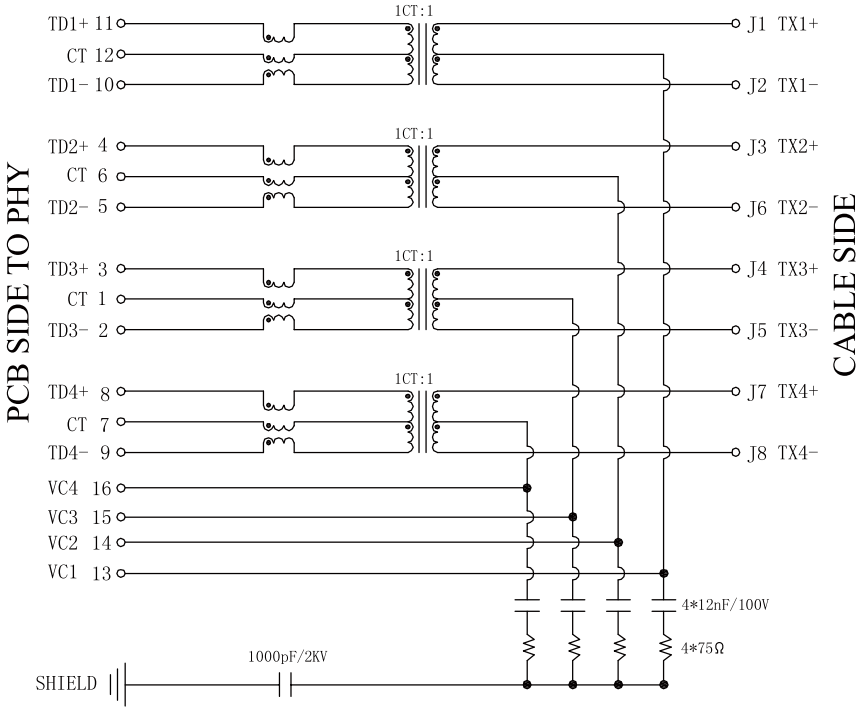
HOUSING: PBT,UL94V-0,BLACK.
TERMINALS BRACKET: PBT,UL94V-0,BLACK.
SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.
TERMINAL: PHOSPHOR BRONZE C5210,T=0.35MM,
6U" GOLD PLATING ON CONTACT AREA.

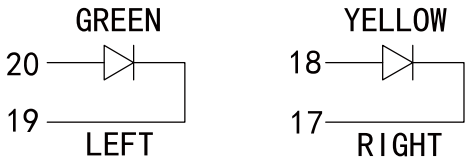
MECHANICAL:

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	TITLE: TAB-UP 1000BASE POE+	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED	APPROVED BY: Geoffrey.Song
	PART NO.: SYT411Q199DB2A1DP	SACLE 1:1	REV A0	x±0.35 / x°±3.0° / .x±0.30 / .x°±2.0°	CHECKED BY: Elvis.Song
TEL: +86 400 1048 018 WEB: WWW.VOOHU.CN	REMARK:	SHEET 1/3		.xx±0.25 / .xx°±1.5° / .xxx±0.10 / .xxx°±1.0°	DESIGND BY: Sunny.Xu

REACH & RoHS COMPLIANT





Electrical:

1.Turn ratio:11~10: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%).
2.OCL:350uH Min.@ 100KHz 100mV
RMS(4Channel) 15mA 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 PRI TO SEC
8.Single port magnetic jack POE magnetics acc.
To IEEE802.3bt 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

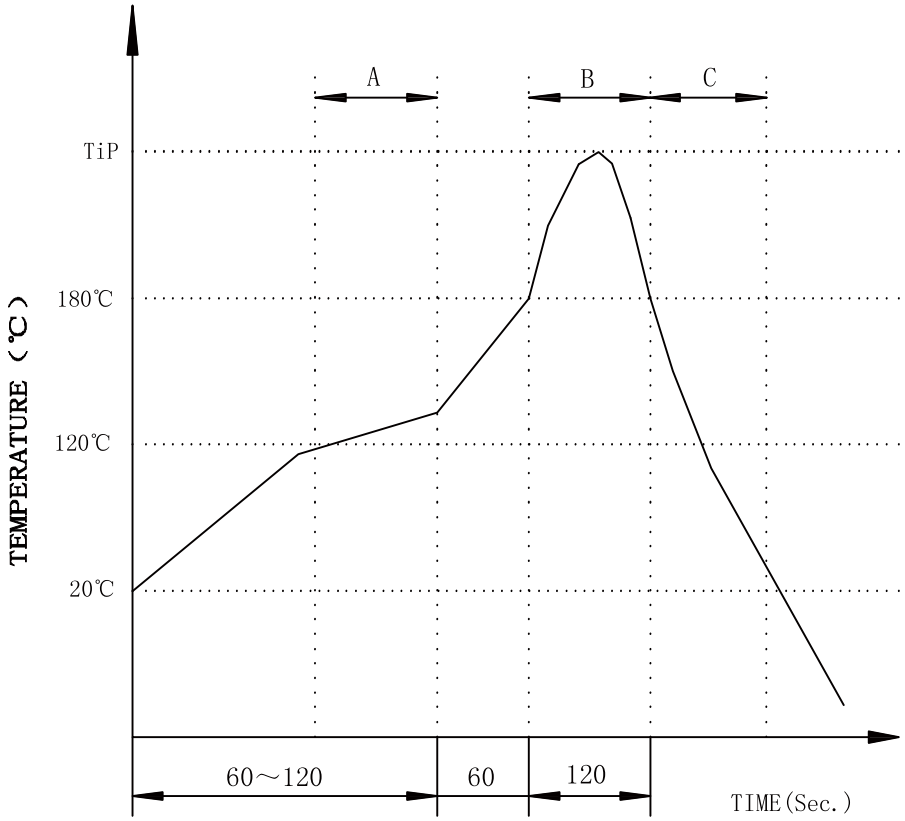
Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	568nm	20mA	1.85-2.45V
Yellow	585nm	20mA	1.7-2.2V

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			.x±0.30	.x°±2.0°	
REMARK:	SHEET 2/3		.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.

VOOHU 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd	TITLE: TAB-UP 1000BASE POE+	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
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				.x±0.30	.x°±2.0°	
TEL: +86 400 1048 018 WEB: WWW.VOOHU.CN	REMARK:	SHEET 3/3		.xx±0.25	.xx°±1.5°	DESIGND BY: Sunny.Xu
				.xxx±0.10	.xxx°±1.0°	