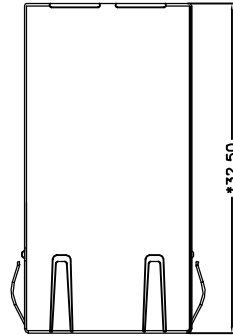
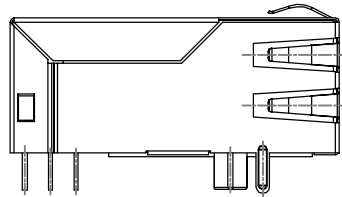


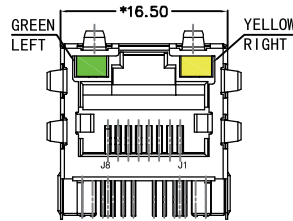
REACH & RoHS
COMPLIANT



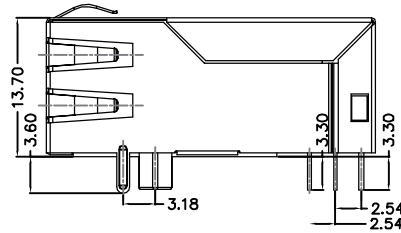
TOP VIEW



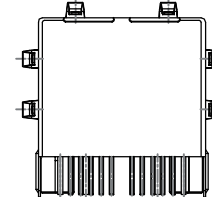
LEFT SIDE VIEW



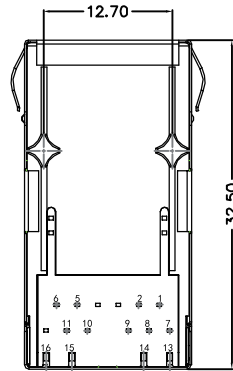
FRONT VIEW



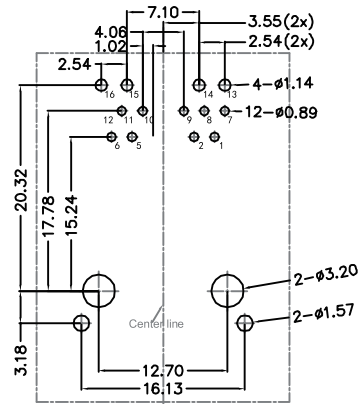
RIGHT SIDE VIEW



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 1X1 100BASE POE+
PART NO.:
SYT411B285DB2A1DP
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°

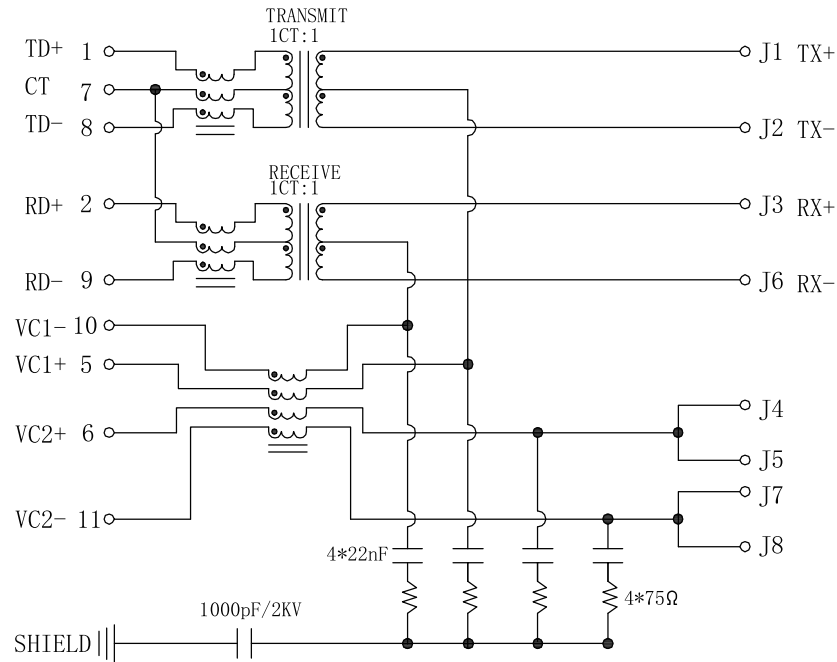
APPROVED BY:
Geoffrey.Song
CHECKED BY:
Elvis.Song
DESIGND BY:
Sunny.Xu

TEL: +86 400 1048 018

WEB: WWW.WOHU-TEK.COM

REACH & RoHS
COMPLIANT

PCB SIDE TO PHY



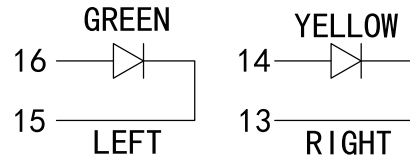
CABLE SIDE

Electrical:

- Turn ratio: 1~8: J1~J2=1CT:1CT(±2%).
2~9: J3~J6=1CT:1CT(±2%).
 - OCL: 350uH Min. @ 100KHz 100mV
RMS(4Channel) 15mA DC BIAS.
 - Insertion Loss: -1.0 dB Max 1~100MHz.
 - Return loss: -20dB Min 1~10MHz;
-16dB Min 10~30MHz.
-12dB Min 30~60MHz.
-10dB Min 60~80MHz.
 - Cross talk: -40dB Min 1~30MHz;
-35dB Min 30~60MHz;
-30dB Min 60~100MHz;
 - CMR: -30dB Min 1~100MHz;
 - Hi-Pot: 1500V AC & 2250V DC 6S 1mA PRI TO SEC
To IEEE802.3af for PSE or PD applications.
 - Single port magnetic jack POE magnetics acc.
9. 100% of production tested to comply with IEEE 802.3 isolation requirements balanced DC line current 720mA max. @44~57V DC continuous.

LED Specification

Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	568nm	20mA	1.8-2.8V
Yellow	585nm	20mA	1.8-2.8V



VOOHU 苏州沃虎电子科技有限公司
Su Zhou Voohu Electronic Tech.Co.Ltd

TITLE:
TAB-UP 1X1 100BASE POE+
PART NO.:
SYT411B285DB2A1DP

SIZE
A4
UNITS
MM[INCH]
SACLE
1:1
REV
A0
SHEET
2/3

GENERAL TOLERANCES
UNLESS SPECIFIED
x±0.35 x°±3.0°
.x±0.30 .x°±2.0°
.xx±0.25 .xx°±1.5°
.xxx±0.10 .xxx°±1.0°

APPROVED BY:
Geoffrey.Song
CHECKED BY:
Elvis.Song
DESIGND BY:
Sunny.Xu

TEL: +86 400 1048 018

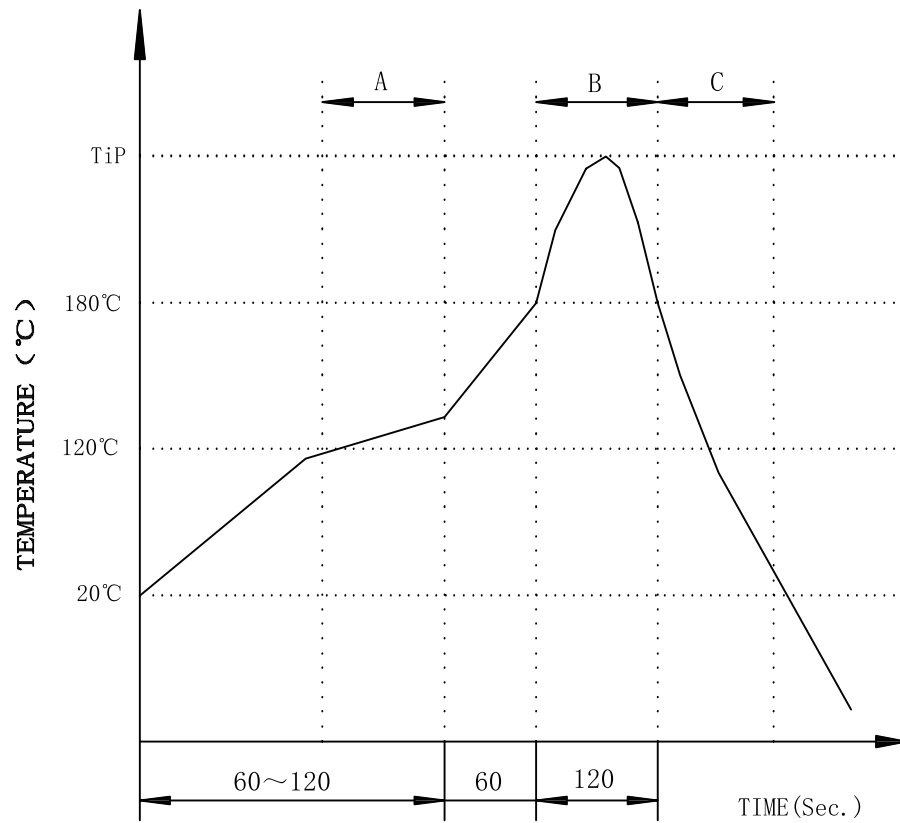
WEB: WWW.WOHU-TEK.COM

REMARK:



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 1X1 100BASE POE+

SIZE
 A4
 UNITS
 MM[INCH]

GENERAL TOLERANCES
 UNLESS SPECIFIED

APPROVED BY:
 Geoffrey.Song

PART NO.:
 SYT411B285DB2A1DP

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.WOHU-TEK.COM

REMARK:

SHEET
 3/3



.xx±0.25 .xx°±1.5°
 .xxx±0.10 .xxx°±1.0°

DESIGND BY:
 Sunny.Xu