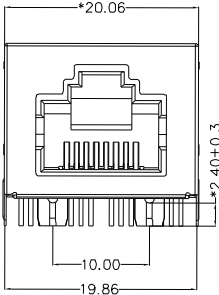
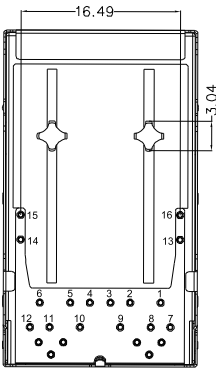


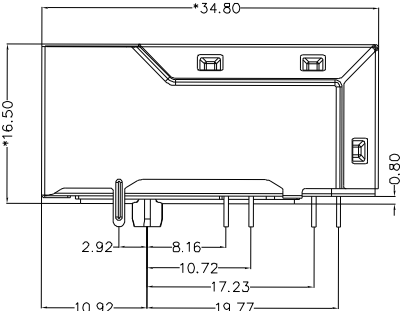
TOP VIEW



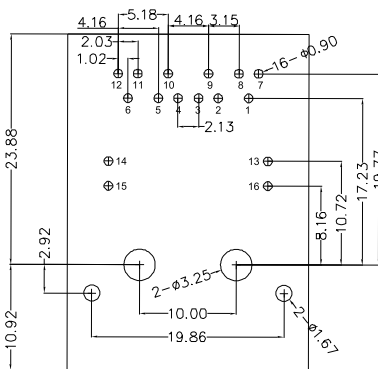
FRONT VIEW



BOTTOM VIEW



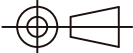
RIGHT SIDE VIEW



RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

MATERIAL:
HOUSING: LCP,UL94V-0,BLACK.
TERMINALS BRACKET: LCP,UL94V-0,BLACK.
SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.
TERMINAL: PHOSPHOR BRONZE C5210,T=0.35MM,
30U" 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 "*"

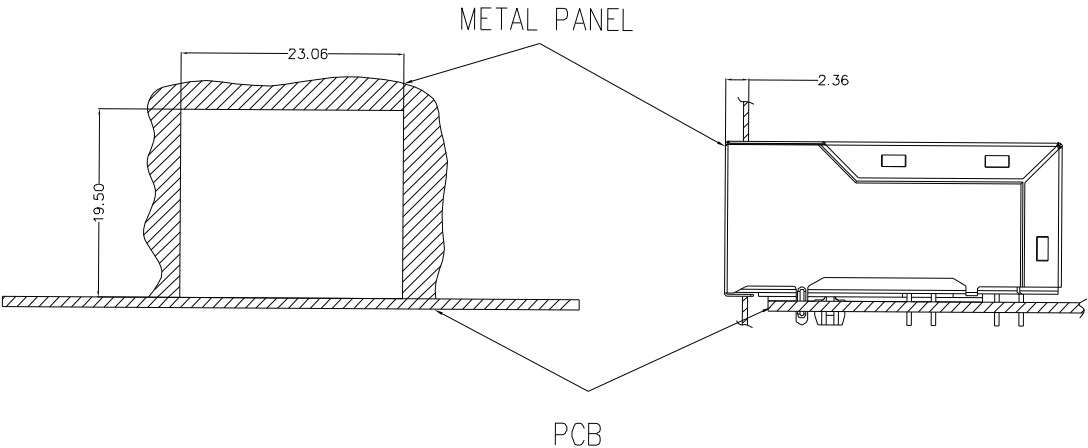
A	 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd		TITLE: TAB-UP 1X1 10G POE+	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song	
			PART NO.: SYT4A11Q855HWA10DPB1359	SCALE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY:	
	TEL: +86 400 1048 018 WEB: WWW.WOHU-TEK.COM		REMARK:	SHEET 1/4		.xx±0.25	.xx°±1.5°	DESIGNED BY:	
	1	2	3	4	5	6	7	8	

1
2
3
4
5
6
7
8

REACH & RoHS
COMPLIANT

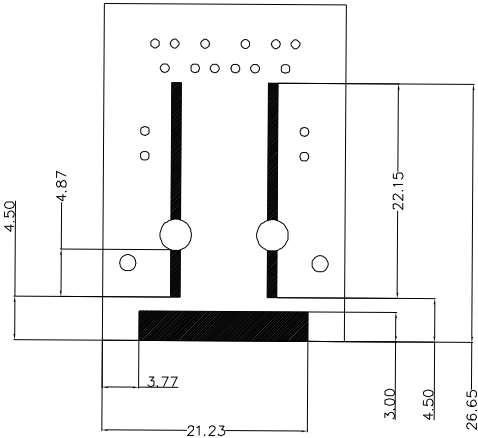
REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	Sunny.Xu	2024.7.9

Suggested Panel Opening:



UNIT: mm / inch
Tolerances: ± 0.10 / 0.004

Keep-Out Area (Component Side View):



Plug-in side

UNIT: mm / inch
Tolerances: ± 0.10 / 0.004

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:
TAB-UP 1X1 10G POE+

PART NO.:
SYT4A11Q855HWA10DPB1359

REMARK:

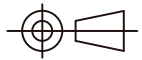
SIZE
A4

SCALE
1:1

SHEET
2/4

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

$x \pm 0.35$	$x^\circ \pm 3.0^\circ$
$.x \pm 0.30$	$.x^\circ \pm 2.0^\circ$
$.xx \pm 0.25$	$.xx^\circ \pm 1.5^\circ$
$.xxx \pm 0.10$	$.xxx^\circ \pm 1.0^\circ$

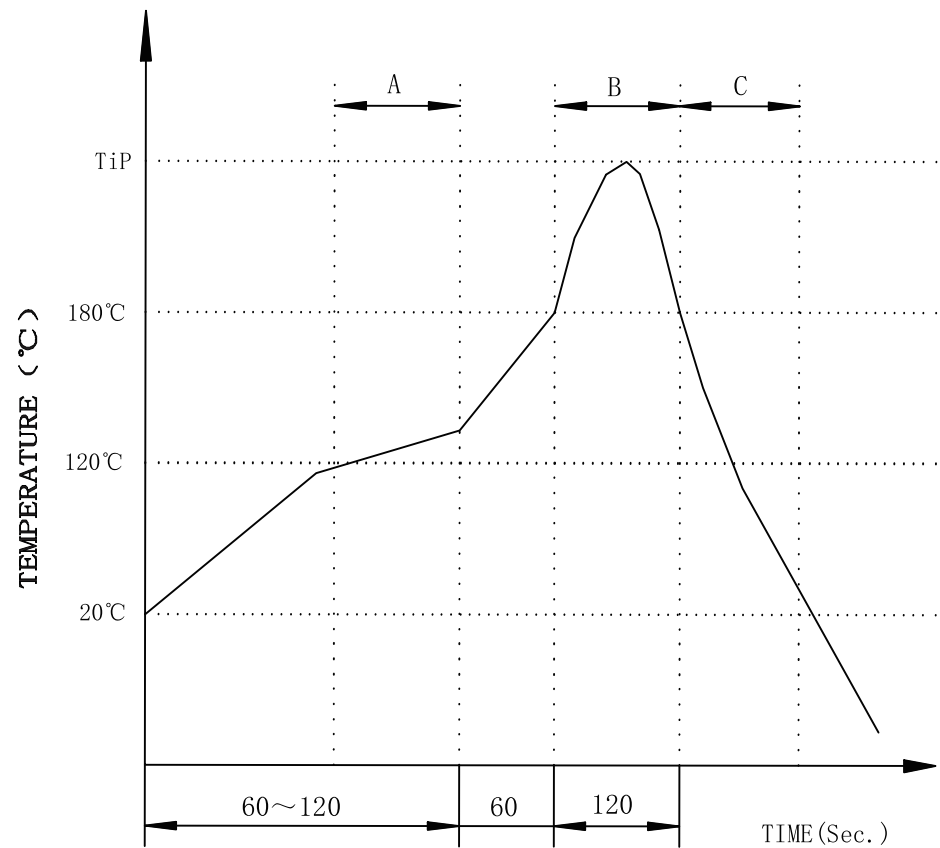
APPROVED BY:
Geoffrey.Song

CHECKED BY:
Elvis.Song

DESIGNED BY:
Sunny.Xu

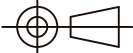
1	2	3	4	5	6	7	8		
REACH & RoHS COMPLIANT						REV. A0	ECN / DESCRIPTION NEW	BY Sunny.Xu	DATE 2024.7.9
PCB SIDE TO PHY TD1+ 7 CT 1 TD1- 8 TD2+ 2 CT 9 TD2- 3 TD3+ 4 CT 10 TD3- 5 TD4+ 11 CT 6 TD4- 12 VC78 16 VC45 15 VC36 14 VC12 13 SHIELD 1000pF/2KV 1CT:1 1CT:1 1CT:1 1CT:1 4*22nF 4*75Ω CABLE SIDE J1 TX1+ J2 TX1- J3 TX2+ J6 TX2- J4 TX3+ J5 TX3- J7 TX4+ J8 TX4-						Electrical: 1.Turn ratio:7~8:J1~J2=1CT:1CT(±2%). 2~3:J3~J6=1CT:1CT(±2%). 4~5:J4~J5=1CT:1CT(±2%). 11~12:J7~J8=1CT:1CT(±2%). 2.OCL:120uH MIN @100KHZ,0.1V 0mA DC BIAS 3.Insertion Loss: -3.0 dB Max 100KHz. -2.0 dB Max(-1.4dB TYP) 1~400MHz. 4.Return loss: -16dB Min 1~40MHz; -16+10LOG(f/40)dB 40 MHz-400 MHz -6+30LOG(f/400)dB 400 MHz-500 MHz 5.CMR: -30dB Min 1~40MHz; -28dB Min 40~100MHz; -26dB Min 100~500MHz; 6.CDMR: -30dB Min 1~250MHz; -22dB Min 250~500MHz; 7.Hi-Pot: 2250 V DC MIN @ 60 SECONDS 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 1.5A max. 57V DC continuous.			
VOOHU 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd		TITLE: TAB-UP 1X1 10G POE+		SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song	
TEL: +86 400 1048 018 WEB: WWW.WOHU-TEK.COM		PART NO.: SYT4A11Q855HWA10DPB1359		SCALE 1:1	REV A0	x±0.35 .x±0.30	x°±3.0° .x°±2.0°	CHECKED BY: Elvis.Song	
		REMARK:		SHEET 3/4		.xx±0.25 .xxx±0.10	.xx°±1.5° .xxx°±1.0°	DESIGNED BY: Sunny.Xu	
1	2	3	4	5	6	7	8		

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.

A	 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd		TITLE: TAB-UP 1X1 10G POE+	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song	
			PART NO.: SYT4A11Q855HWA10DPB1359	SCALE 1:1	REV A0	x±0.35 .x±0.30	x°±3.0° .x°±2.0°	CHECKED BY: Elvis.Song	
	TEL: +86 400 1048 018	WEB: WWW.WOHU-TEK.COM	REMARK:	SHEET 4/4		.xx±0.25 .xxx±0.10	.xx°±1.5° .xxx°±1.0°	DESIGNED BY: Sunny.Xu	