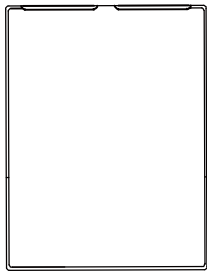
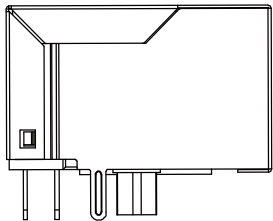


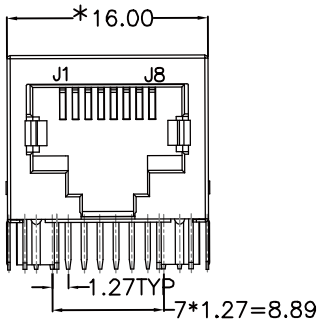
1	2	3	4	5	6	7	8		
REACH & RoHS COMPLIANT						REV.	ECN / DESCRIPTION	BY	DATE
						A0	NEW	Sunny.Xu	2018.03.16



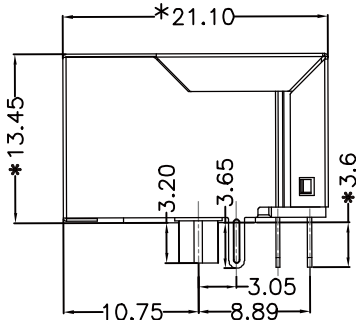
TOP VIEW



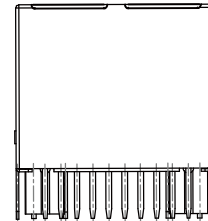
LEFT SIDE VIEW



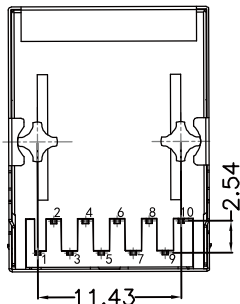
FRONT VIEW



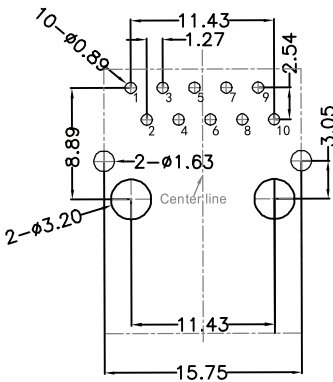
RIGHT SIDE VIEW



BACK VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

MATERIAL:

HOUSING: PA9T,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,
30U" GOLD PLATING ON CONTACT AREA.

MECHANICAL:

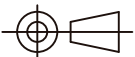
DURABILITY: 750 CYCLES MIN.

MATING FORCE: 23N MAX.

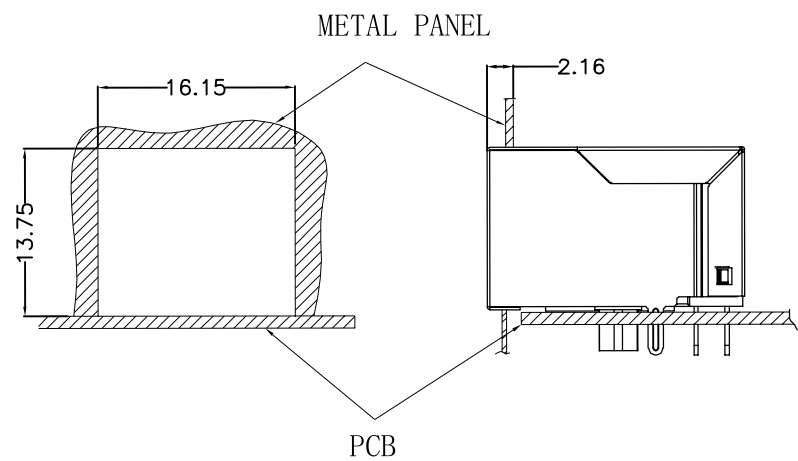
OPERATING TEMPERATURE: -40°C~+85°C.

STORAGE TEMPERATURE: -40°C~+85°C.

ALL CRITICAL DIMENSIONS WITH "*"

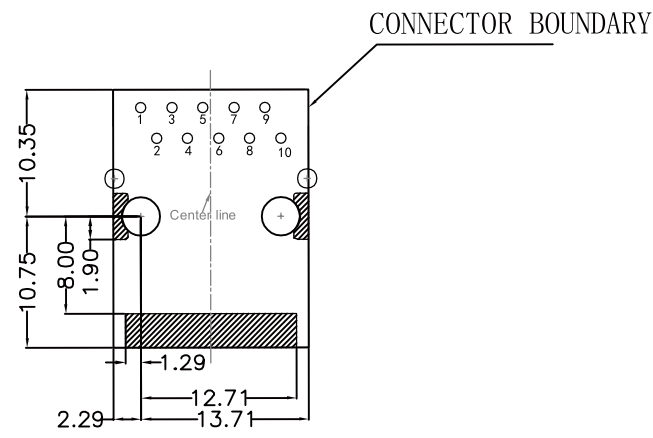
 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd			TITLE: TAB-DOWN 1X1 10G		SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song	
			PART NO.: SYT111Q594GWA21DB1		SCALE 1:1	REV A0	.x±0.35	x°±3.0°	CHECKED BY: Elvis.Song	
TEL: +86 400 1048 018			REMARK:		SHEET 1/4		.xx±0.25	.xx°±1.5°	DESIGNED BY: Sunny.Xu	
WEB: WWW.VOOHU.CN							.xxx±0.10	.xxx°±1.0°		

RECOMMENDED PANEL CUTOUT (REFERENCE ONLY) :



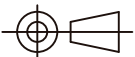
UNIT: MM / INCH
TOLERANCES: ± 0.10 / 0.004
REFERENCE ONLY

KEEP-OUT AREA (COMPONENT SIDE VIEW) :



PLUG-IN SIDE

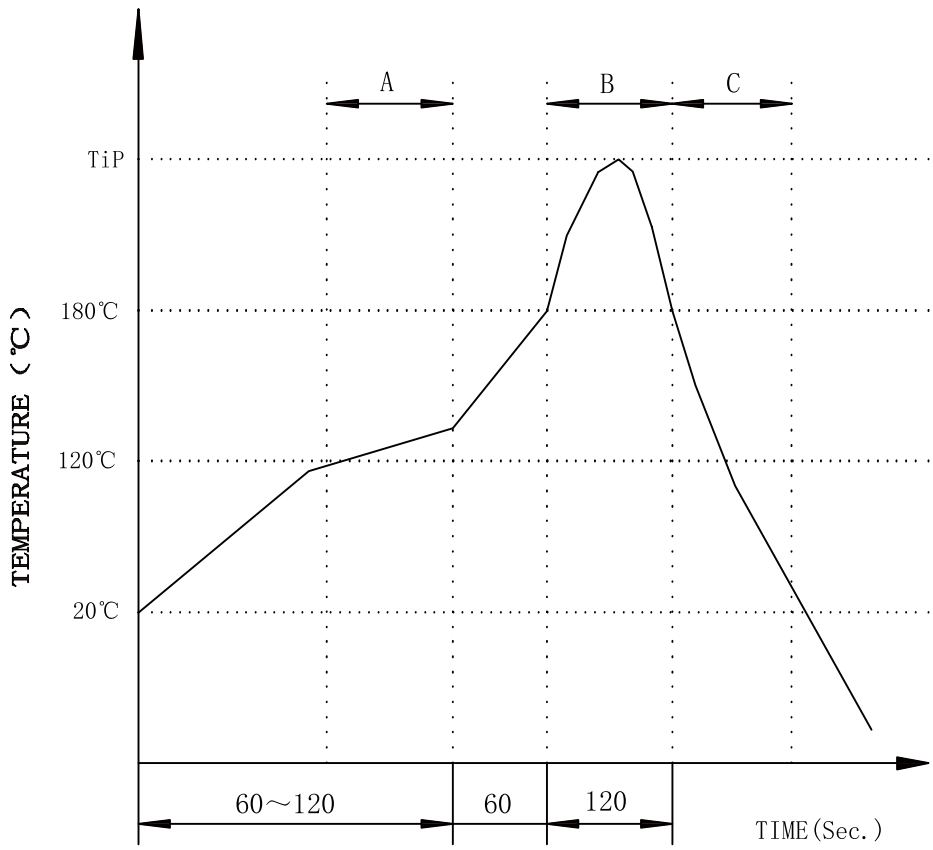
UNIT: MM / INCH
TOLERANCES: ± 0.10 / 0.004

A	 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd		TITLE: TAB-DOWN 1X1 10G	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song	
			PART NO.: SYT111Q594GWA21DB1	SCALE 1:1	REV A0	$x \pm 0.35$	$x^\circ \pm 3.0^\circ$	CHECKED BY: Elvis.Song	
	TEL: +86 400 1048 018 WEB: WWW.VOOHU.CN		REMARK:	SHEET 2/4		$.xx \pm 0.25$	$.xx^\circ \pm 1.5^\circ$	DESIGNED BY: Sunny.Xu	

1	2	3	4	5	6	7	8		
REACH & RoHS COMPLIANT					REV. A0		ECN / DESCRIPTION NEW	BY Sunny.Xu	DATE 2018.03.16
PCB SIDE TO PHY TD1+ 1 TD1- 2 TD2+ 3 TD2- 4 TD3+ 7 TD3- 8 TD4+ 9 TD4- 10 CT 5 CT 6 1CT:1 1CT:1 1CT:1 1CT:1 1000pF/2KV SHIELD J1 TX1+ J2 TX1- J3 TX2+ J6 TX2- J4 TX3+ J5 TX3- J7 TX4+ J8 TX4- 4*75Ω CABLE SIDE					Electrical: 1.Turn ratio:1~2:J1~J2=1CT:1CT(±2%). 3~4:J3~J6=1CT:1CT(±2%). 7~8:J4~J5=1CT:1CT(±2%). 9~10:J7~J8=1CT:1CT(±2%). 2.OCL:160uH Min.@ 100KHz 0.1V. 3.Insertion Loss: -3.0 dB MAX 100MHz -2.0 dB MAX (-1.4 dB TYP) 1~400MHz 4.Return loss: -22 dB MIN 1-100 MHz -22 + 20.75*LOG (f/100) 100 MHZ-500 MHZ 5.Cross talk:-28dB Min 1~100MHz; -19dB Min 100~500MHz; 6.CMR: -30dB Min 1~40MHz; -28dB Min 40~100MHz; -26dB Min 100~500MHz; 7.Hi-Pot: 2250V DC 6S 1mA PRI TO SEC				
					1 2 3 4 5 6 7 8				

VOOHU 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd		TITLE: TAB-DOWN 1X1 10G		SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song			
TEL: +86 400 1048 018		WEB: WWW.VOOHU.CN		REMARK:		SHEET 3/4		PART NO.: SYT111Q594GWA21DB1			
								SCALE 1:1			
								REV A0			
						x±0.35		x°±3.0°			
								.x±0.30		.x°±2.0°	
								.xx±0.25		.xx°±1.5°	
								.xxx±0.10		.xxx°±1.0°	
										DESIGNED BY: Sunny.Xu	

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-DOWN 1X1 10G	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
		PART NO.: SYT111Q594GWA21DB1	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.VOOHU.CN	REMARK:	SHEET 4/4		.xx±0.25 .xxx±0.10	.xx°±1.5° .xxx°±1.0°	DESIGNED BY: Sunny.Xu