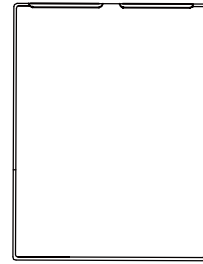


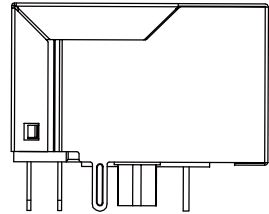
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REACH & RoHS
COMPLIANT

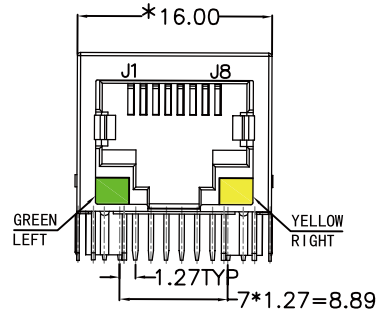
REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	Sunny.Xu	2018.03.16



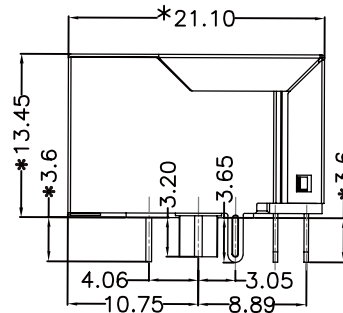
TOP VIEW



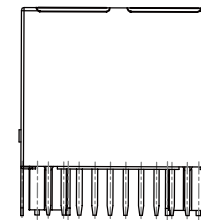
LEFT SIDE VIEW



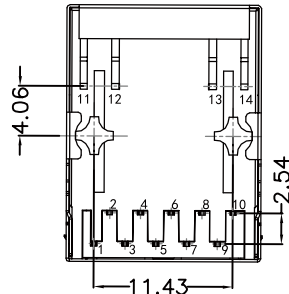
FRONT VIEW



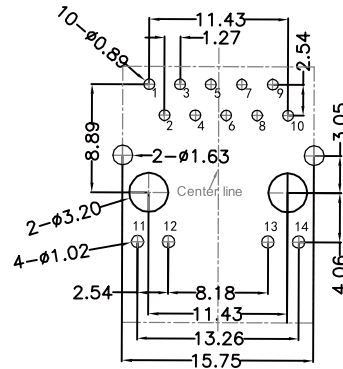
RIGHT SIDE VIEW



BACK VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

MATERIAL:

HOUSING: PA9T,UL94V-0,BLACK.

TERMINALS BRACKET: PA9T,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 "mm"

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

TITLE:
TAB-DOWN 1X1 5G

PART NO.:
SYT111Q624AB2A12DB5

REMARK:

SIZE
A4

SACLE
1:1

SHEET
1/4

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°

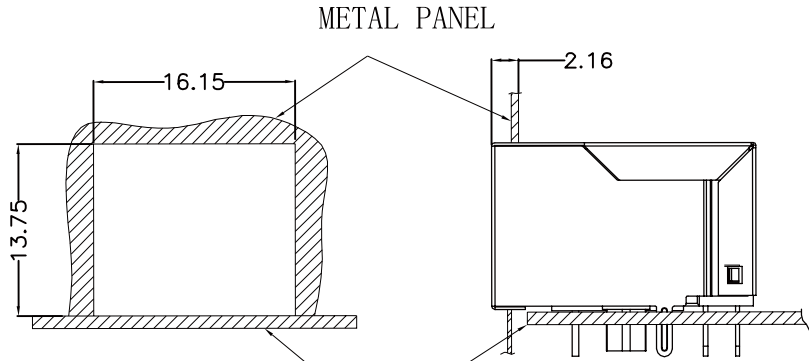
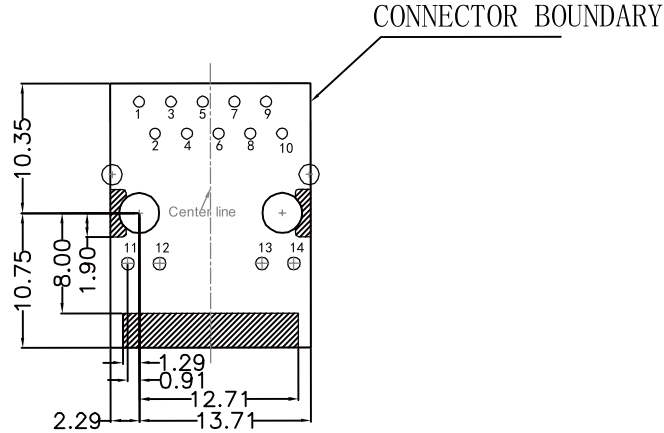
APPROVED BY:
Geoffrey.Song

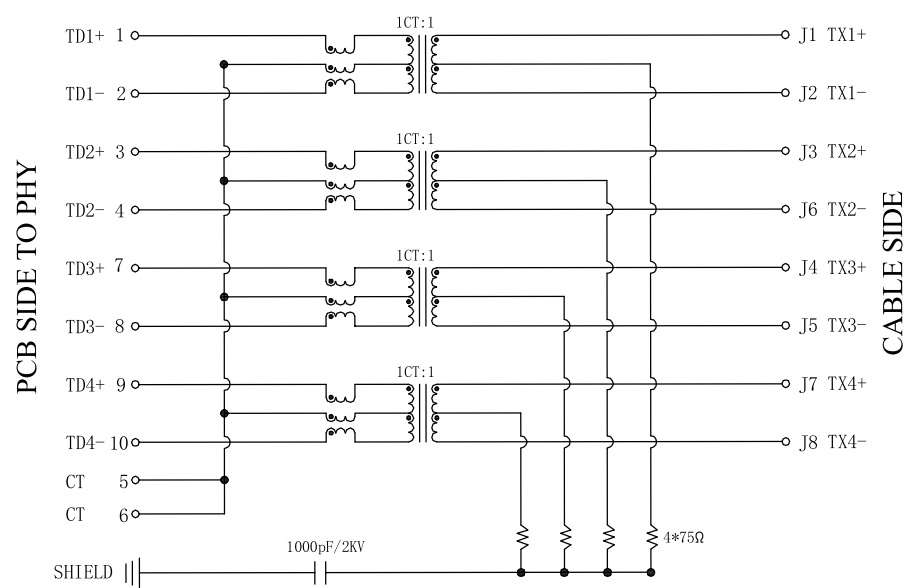
CHECKED BY:
Elvis.Song

DESIGND BY:
Sunny.Xu

TEL: +86 400 1048 018

WEB: WWW.VOOHU.CN

1		2		3		4		5		6		7		8					
REACH & RoHS COMPLIANT				RECOMMENDED PANEL CUTOUT (REFERENCE ONLY) :  METAL PANEL PCB UNIT: MM / INCH TOLERANCES: ±0.10 / 0.004 REFERENCE ONLY KEEP-OUT AREA (COMPONENT SIDE VIEW) :  CONNECTOR BOUNDARY PLUG-IN SIDE UNIT: MM / INCH TOLERANCES: ±0.10 / 0.004								REV. A0		ECN / DESCRIPTION NEW		BY Sunny.Xu		DATE 2018.03.16	
 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.VOOHU.CN												TITLE: TAB-DOWN 1X1 5G		SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song	
				PART NO.: SYT111Q624AB2A12DB5		SACLE 1:1	REV A0	.xx±0.25	.xx°±1.5°	CHECKED BY: Elvis.Song									
				REMARK:		SHEET 2/4		.xxx±0.10	.xxx°±1.0°	DESIGND BY: Sunny.Xu									
1		2		3		4		5		6		7		8					

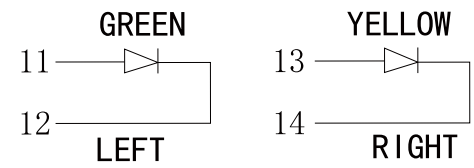


Electrical:

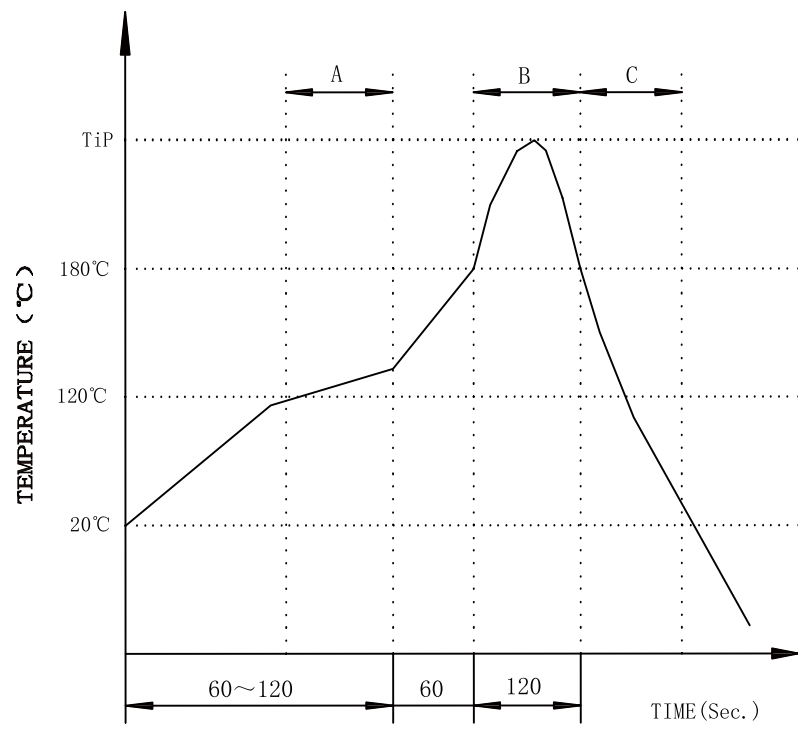
- 1.Turn ratio:1~2:J1~J2=1CT:1CT(±2%).
3~4:J3~J6=1CT:1CT(±2%).
7~8:J4~J5=1CT:1CT(±2%).
9~10:J7~J8=1CT:1CT(±2%).
- 2.OCL:160uH MIN @100KHZ,100mV,8mA DC BIAS
- 3.Insertion Loss:-0.5 dB Max 1~50MHz.
-1.2 dB Max 50~125MHz.
-2 dB Max 125~250MHz.
- 4.Return loss:-16 dB Min 1 ~ 40MHz;
-16+10Log10(f/40) 40<f≤250 dB 40~250MHz.
- 5.Cross talk: -30dB Min 1~40MHz.
-28dB Min 40~100MHz.
-26dB Min 100~250MHz.
- 6.CMR: -30dB Min 1~250MHz;
- 7.Hi-Pot: 2250V DC 6S 1mA PRI TO SEC

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



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 5G	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
		PART NO.: SYT111Q624AB2A12DB5	SACLE 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°	DESIGND BY: Sunny.Xu