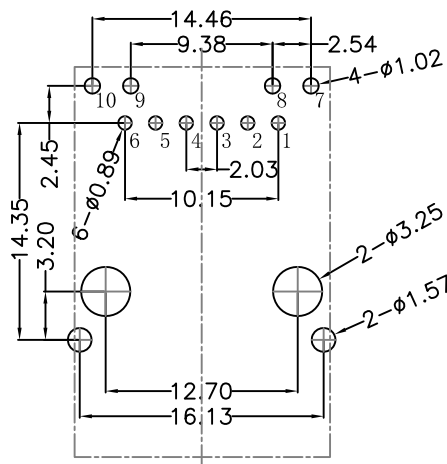
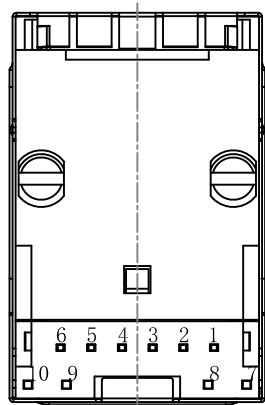
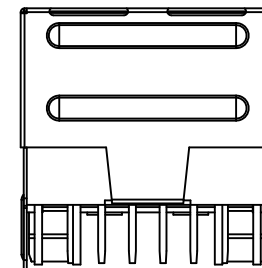
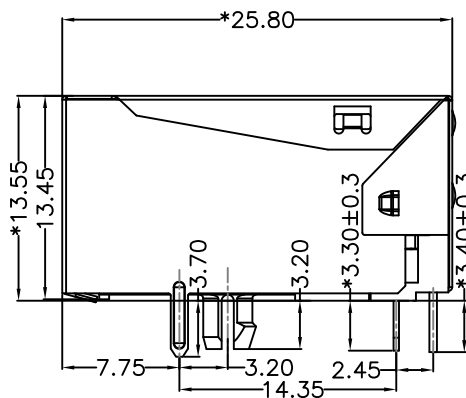
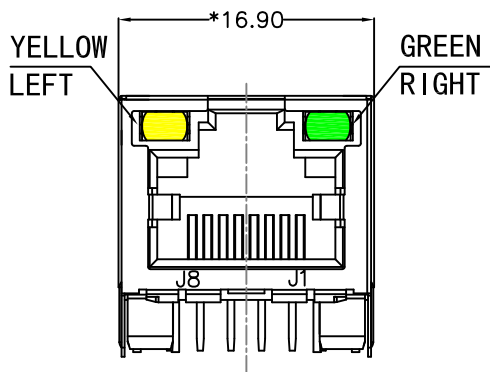


RoHS compliant



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.

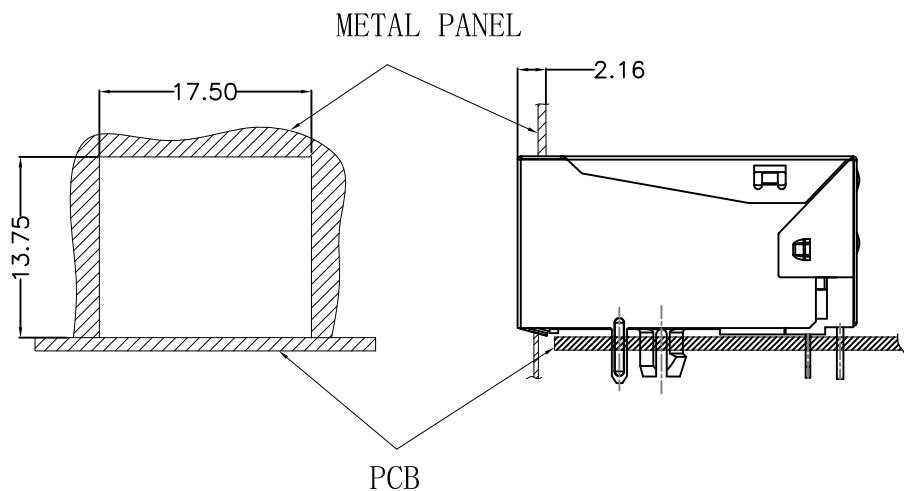
STORAGE TEMPERATURE: -40°C~+85°C.

ALL CRITICAL DIMENSIONS WITH "*"

					GENERAL TOLERANCE		DRAWN		Gene Li		2019/12/08		X-SHUN 东莞市祥舜电子科技有限公司 DONGGUAN X-SHUN ELECTRONIC TECHNOLOGY CO., LTD					
					.X	±0.35	X.°	± 2°	CHECKE		EH			PART NO. 202114-111B-B205				
A0		NEW DESIGN	2019/12/08		.XX	±0.25	.X°	± 1°	APPROVE					TITLE: RJ45 TAB-UP 100BASE-TX 1X1 W/LED W/SHIELD				
					.XXX	±0.15	.XX°	± 0.5°										
REV	ECN NO	DESCRIPTION	DATE	SIGNATURE	PROJECT				UNIT	mm	SCALE	1:1	SHEET	1/3	REV	A0	DRAWING NO.	202-B205

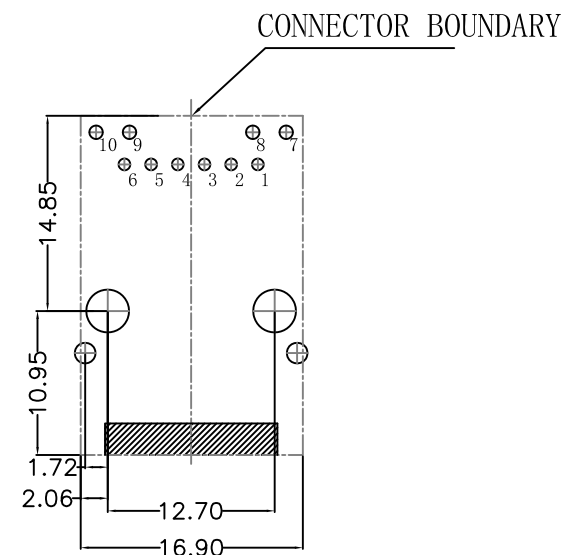
RoHS compliant

RECOMMENDED PANEL CUTOUT (REFERENCE ONLY):



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

KEEP-OUT AREA (COMPONENT SIDE VIEW):



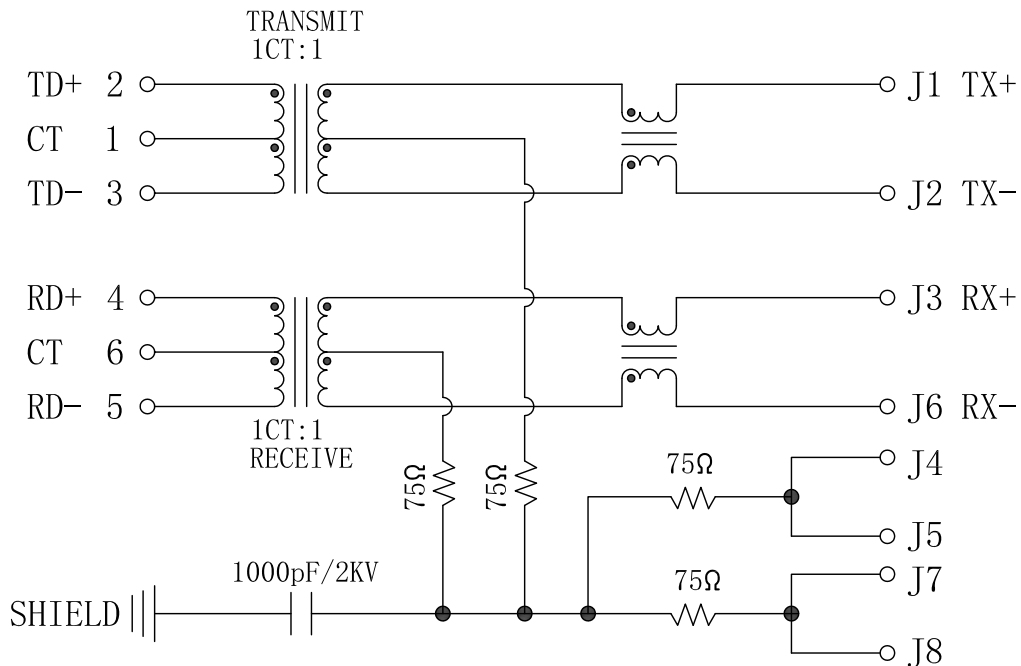
PLUG-IN SIDE

UNIT: MM / INCH
TOLERANCES: ± 0.10 / 0.004

					GENERAL TOLERANCE		DRAWN		Gene Li		2019/12/08		X-SHUN 东莞市祥舜电子科技有限公司 DONGGUAN X-SHUN ELECTRONIC TECHNOLOGY CO., LTD					
					.X	±0.35	X.°	± 2°	CHECKE		EH			PART NO.		202114-111B-B205		
A0		NEW DESIGN	2019/12/08		.XX	±0.25	.X°	± 1°	APPROVE					TITLE:		RJ45 TAB-UP 100BASE-TX 1X1 W/LED W/SHIELD		
REV	ECN NO	DESCRIPTION	DATE	SIGNATURE	PROJECT				UNIT	mm	SCALE	1:1	SHEET	2/3	REV	A0	DRAWING NO.	202-B205

RoHS compliant

PCB SIDE TO PHY



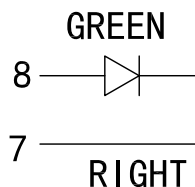
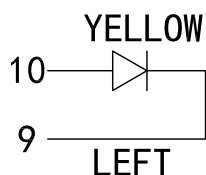
CABLE SIDE

Electrical:

- Turn ratio: 2~3: J1~J2=1CT:1CT(±2%).
4~5: J3~J6=1CT:1CT(±2%).
- OCL: 350uH Min. at 100KHz 100mV 8mA DC.
- 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

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



					GENERAL TOLERANCE		DRAWN		2019/12/08		X-SHUN 东莞市祥舜电子科技有限公司 DONGGUAN X-SHUN ELECTRONIC TECHNOLOGY CO., LTD					
					.X ±0.35	X° ±2°	CHECKE		EH		PART NO. 202114-111B-B205					
					.XX ±0.25	.X° ±1°	APPROVE				TITLE: RJ45 TAB-UP 100BASE-TX 1X1 W/LED W/SHIELD					
REV	ECN NO	DESCRIPTION	DATE	SIGNATURE	PROJECT		UNIT	mm	SCALE	1:1	SHEET	3/3	REV	A0	DRAWING NO.	202-B205