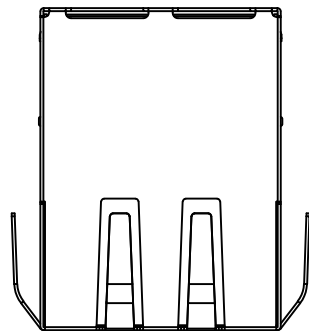
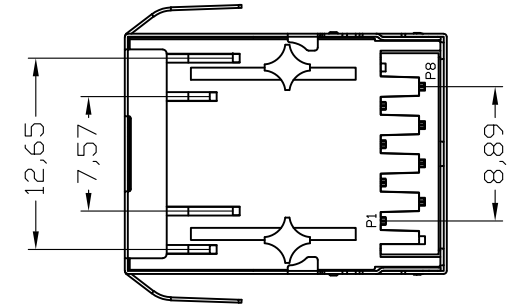
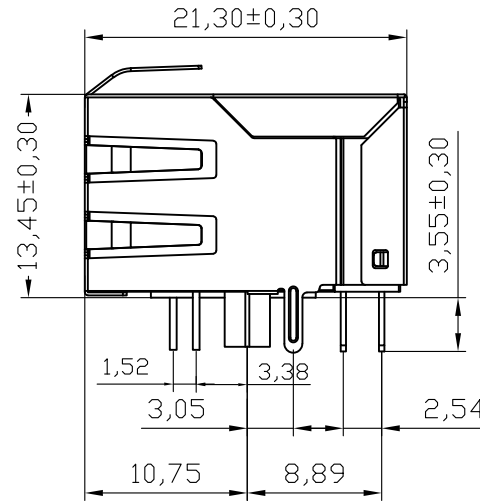
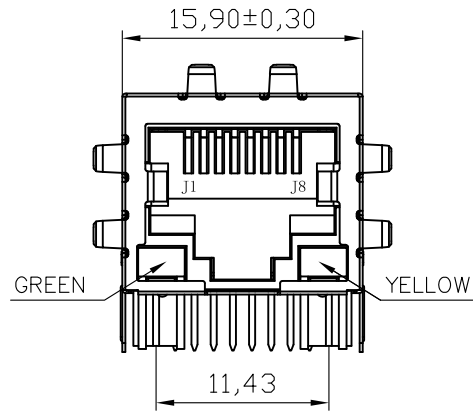


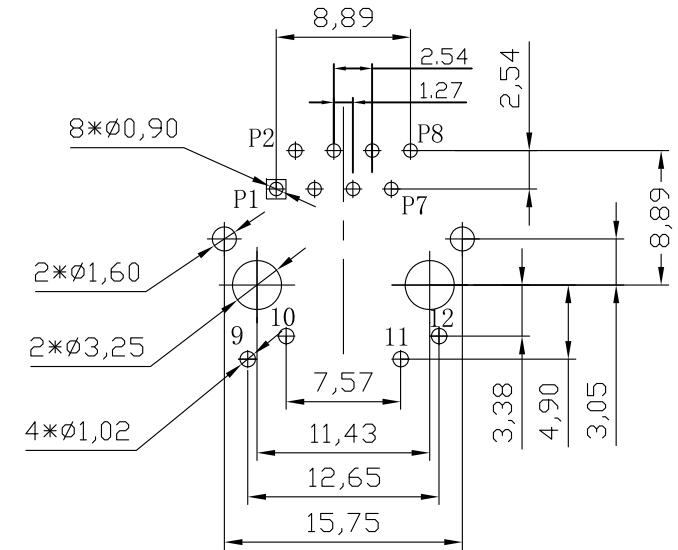
RoHS compliant

MECHANICAL:



Connect Material:

- 1.Housing: Thermoplastic,PBT,UL94V-0,Color:Black;
- 2.Insert: Thermoplastic,PBT,UL 94V-0,Color:Black;
- 3.Shield: Brass T=0.2mm,30u" Min Nickel Overall Plated;
- 4.Input Terminal: Brass T=0.35mm
- 5.Input And RJ45 Contact Terminal Plating:
50u" Min Ni UnderPlated Overall,80u" Min Tin On Solder Area;
- 6.RJ45 Contacts Terminal: Phosphor Bronze T=0.35mm
Selective 6u" Gold Plated On Contact Area;

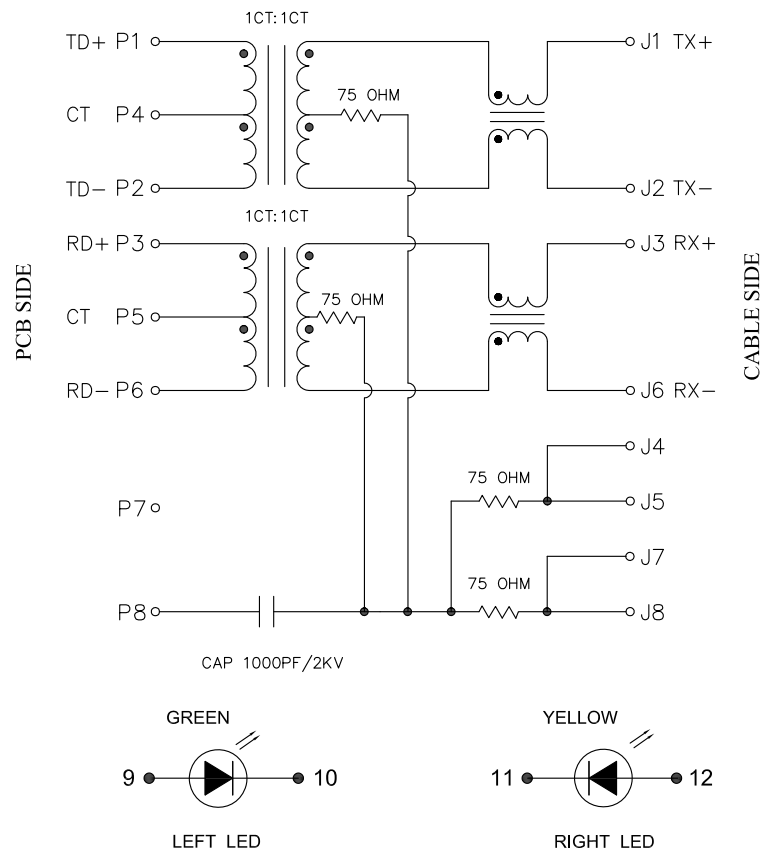


RECOMMENDED P.C.B LAYOUT(PCB THICKNESS: 1.6mm)
COMPONENT SIDE VIEW(TOLERANCE: ±0.05mm)

					GENERAL TOLERANCE		DRAWN		Gene Li		2019/05/17		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		ZLT			PART NO. 201121-111A-B113				
A0		NEW DESIGN	2019/05/17		.XX	±0.25	X.°	± 1°	APPROVE					TITLE: RJ45-100BASE 1X1 TAB-DOWN W/LED W/SHIELD				
					.XXX	±0.15	XX.°	± 0.5°										
REV	ECN NO	DESCRIPTION	DATE	SIGNATURE	PROJECT			UNIT		mm	SCALE	1:1	SHEET	1/2	REV	A0	DRAWING NO.	201-B113

RoHS compliant

SCHEMATICS



ELECTRICAL SPECIFICATIONS@25°C UNLESS OTHERWISE NOTED:

- 1.Turn Ratio(+/-5%): 1CT:1CT
- 2.Inductance OCL: 350uH Min @100KHz/0.1V/ 8mA DC Bias
- 3.Insertion Loss:
 - 1.0dB Max 1-100MHz
- 4.Return Loss:
 - 16dB Min 1-30MHz
 - 12dB Min 30-60MHz
 - 10dB Min 60-80MHz
 - 8dB Min 80-100MHz
- 5.Cross talk:
 - 30dB Min 1-100MHz
- 6.Common Mode Rejection:
 - 30dB Min 1-100MHz
- 7.Hipot Test: (pcb side to cable side)
 - 2250VDC 3S 1mA Max
- 8.Operating Temperature Range: 0°C ~ +70°C
- 9.Storage Temperature Range: -40°C ~ +85°C
- 10.The Part Is Recommended For Wave Soldering Process .
- 11.RJ45 Meets IEEE 802.3 Standards.
- 12.RJ45 Cavities Conform To FCC Rules And Regulation Part 68 Subpart F.
- 13.LED Specification:

Emitting Color	λ_d (nm)typ	$V_f@I_f=20mA$	$I_r@V_r=5V$
GREEN	565nm	1.8-2.4V	10uA Max
YELLOW	585nm	1.8-2.4V	10uA Max

					GENERAL TOLERANCE		DRAWN		Gene Li		2019/05/17		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		ZLT			PART NO. 201121-111A-B113				
A0		NEW DESIGN	2019/05/17		.XX	±0.25	.X°	± 1°	APPROVE					TITLE: RJ45-100BASE 1X1 TAB-DOWN W/LED W/SHIELD				
REV	ECN NO	DESCRIPTION	DATE	SIGNATURE	PROJECT			UNIT		mm	SCALE	1:1	SHEET	2/2	REV	A0	DRAWING NO.	201-B113