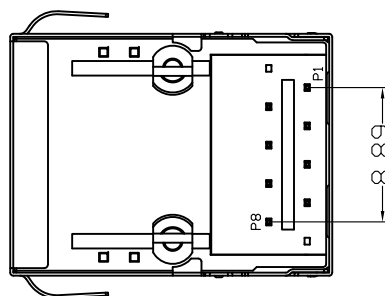
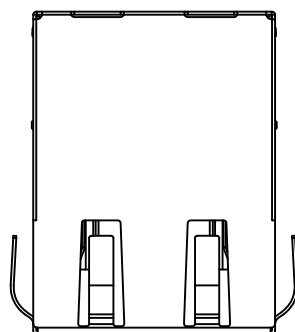
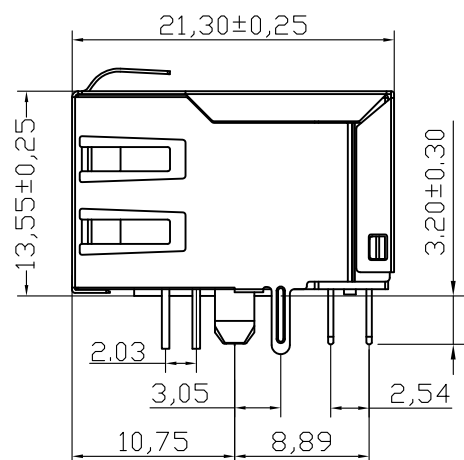
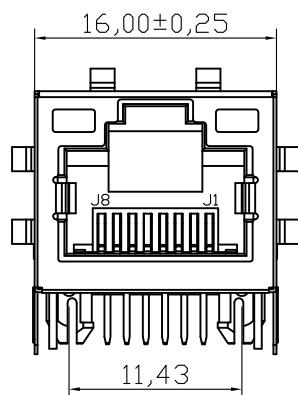


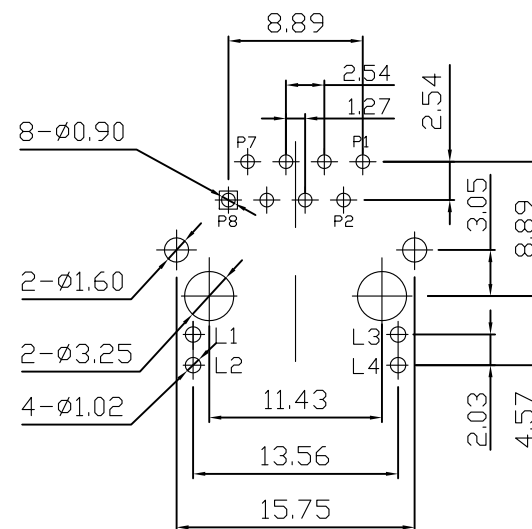
RoHS compliant

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,20u" 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;

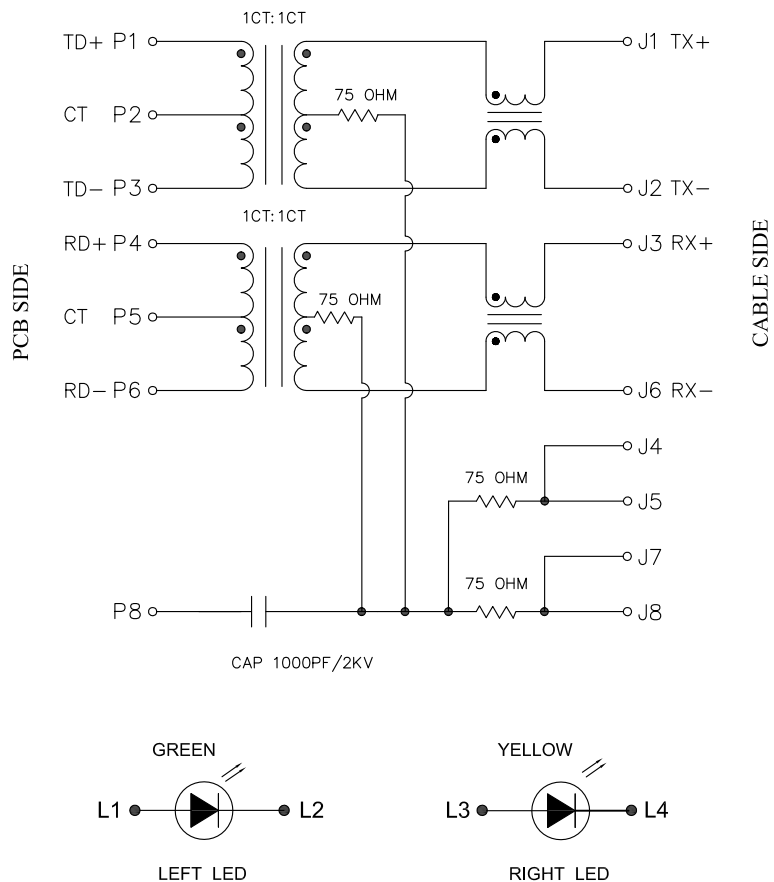


RECOMMENDED P.C.B LAYOUT(PCB THICKNESS: 1.6mm)
COMPONENT SIDE VIEW(TOLERANCE: $\pm 0.05\text{mm}$)

					GENERAL TOLERANCE	DRAWN	Gene Li		2018/11/13	UNIT	MM	 东莞市祥舜电子科技有限公司 DONGGUAN X-SHUN ELECTRONIC TECHNOLOGY CO., LTD TEL:+86 769 81885389 FAX:+86 769 81887859 E-Mail:sales@x-shun.com Http:www.x-shun.com	
					.X ±0.35 X.° ±2°	CHECKE	ZLT			SCALE	1:1		
				.XX ±0.25 .X° ±1°									
A0		NEW DESIGN	2018/11/13		.XXX ±0.15 .XX° ±0.5°	APPROVE				SHEET	2 OF 1	PART NO.	203122-111H-B309
REV	ECN NO	DESCRIPTION	DATE	SIGNATURE	PROJECT 	DRAWING NO				REV	A0	TITLE	RJ45-100BASE 1X1 TAB-UP W/LED W/SHIELD

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:
 - 18dB Min 1-30MHz
 - 15dB Min 30-60MHz
 - 12dB Min 60-80MHz
 - 10dB 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:

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	<i>Sene Li</i>	2018/11/13	UNIT	MM	X-SHUN 东莞市祥舜电子科技有限公司 DONGGUAN X-SHUN ELECTRONICTECHNOLOGY CO., LTD TEL:+86 769 81885389 FAX:+86 769 81887859 E-Mail:sales@x-shun.com Http:www.x-shun.com	
					.X	±0.35 X.° ± 2°	CHECKE	ZLT		SCALE	1:1	PART NO.	203122-111H-B309
					.XX	±0.25 .X° ± 1°							
A0		NEW DESIGN	2018/11/13		.XXX	±0.15 .XX° ± 0.5°	APPROVE			SHEET	2 OF 2		
REV	ECN NO	DESCRIPTION	DATE	SIGNATURE	PROJECT		DRAWING NO			REV	A0		