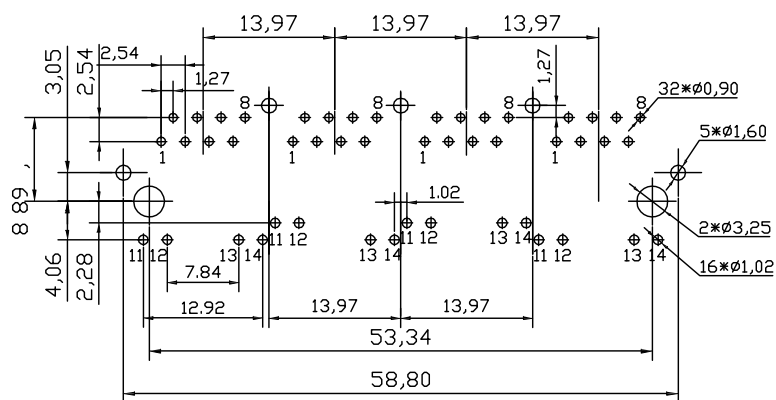
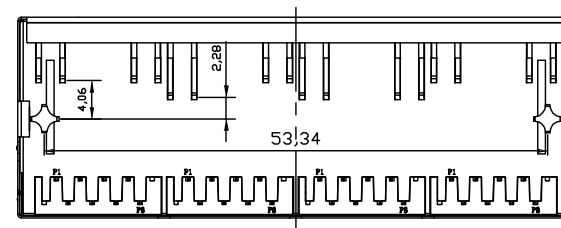
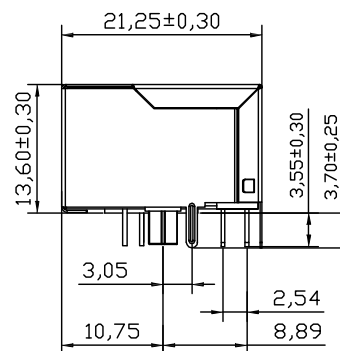
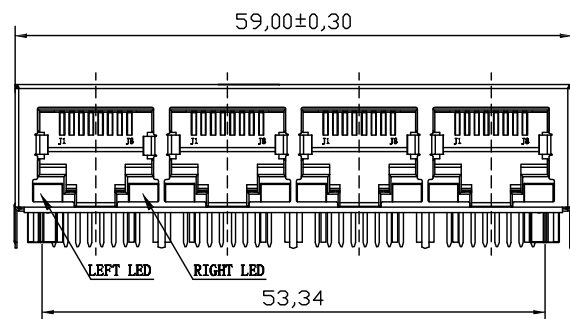


RoHS compliant

MECHANICAL:



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

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;

					GENERAL TOLERANCE		DRAWN	<i>Gene Li</i>	2022/07/21	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	PART NO. 201311-111H-B109 TITLE RJ45-100BASE 1X4 TAB-DOWN W/LED W/SHIELD	
					.XX ±0.25	X.° ±1°							
A0		NEW DESIGN	2022/07/21		.XXX ±0.15	XX° ±0.5°	APPROVE			SHEET	1/2		
REV	ECN NO	DESCRIPTION	DATE	SIGNATURE	PROJECT		DRAWING NO			REV	A0		
													

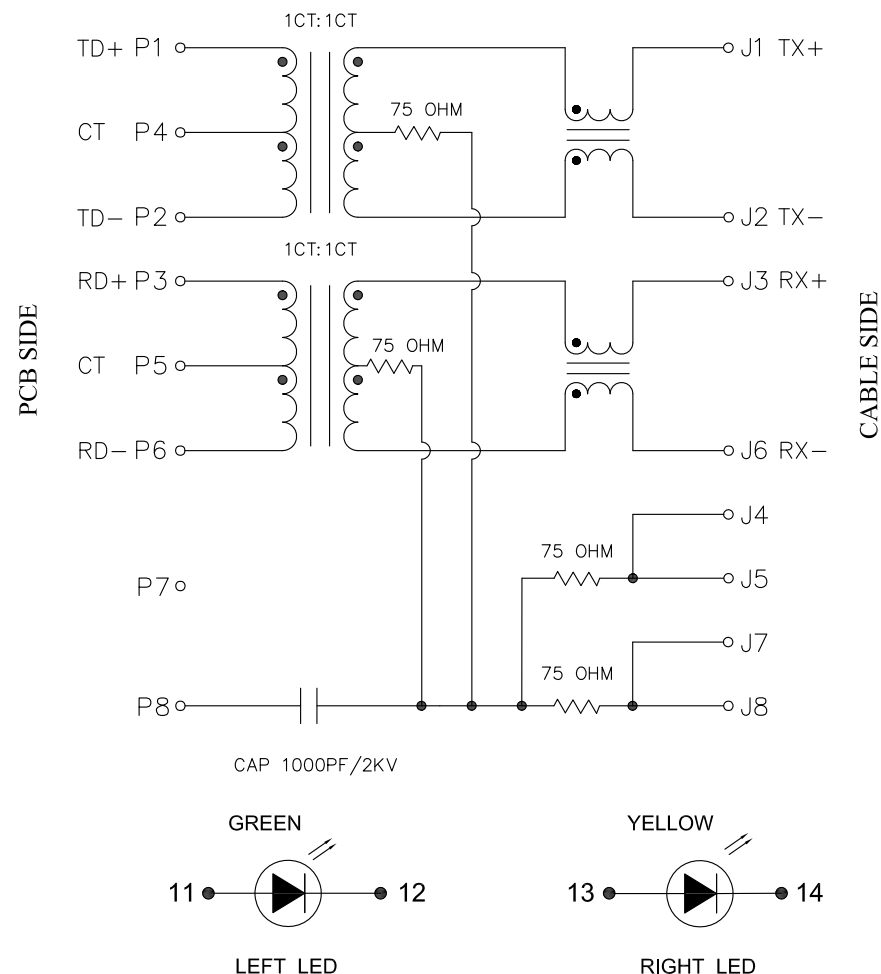
RoHS compliant

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: -40°C ~ +85°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

SCHEMATICS



					GENERAL TOLERANCE		DRAWN	Gene Li	2022/07/21	UNIT	MM	X-SHUN 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	PART NO.	201311-111H-B109
					.XX	±0.25 .X° ± 1°							
A0		NEW DESIGN	2022/07/21		.XXX	±0.15 .XX° ± 0.5°	APPROVE			SHEET	2/2		
REV	ECN NO	DESCRIPTION	DATE	SIGNATURE	PROJECT		DRAWING NO			REV	A0		