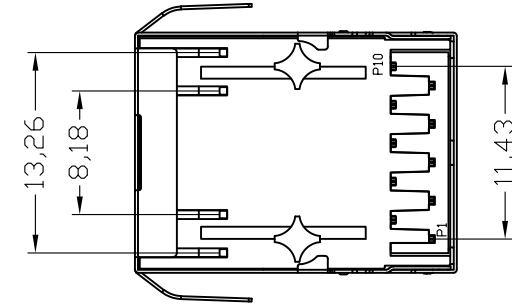
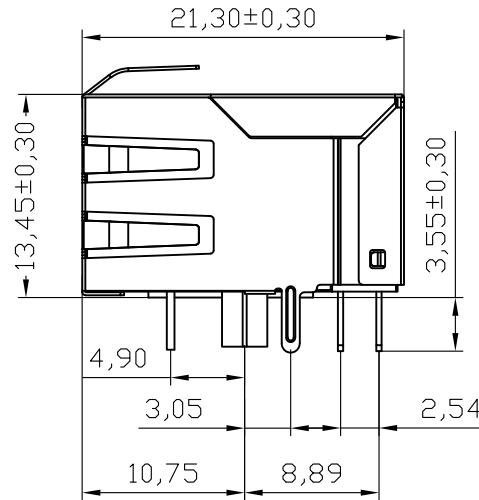
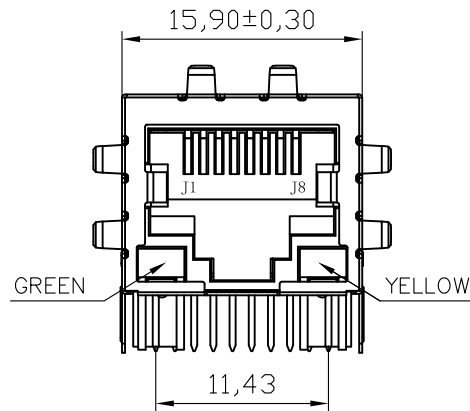


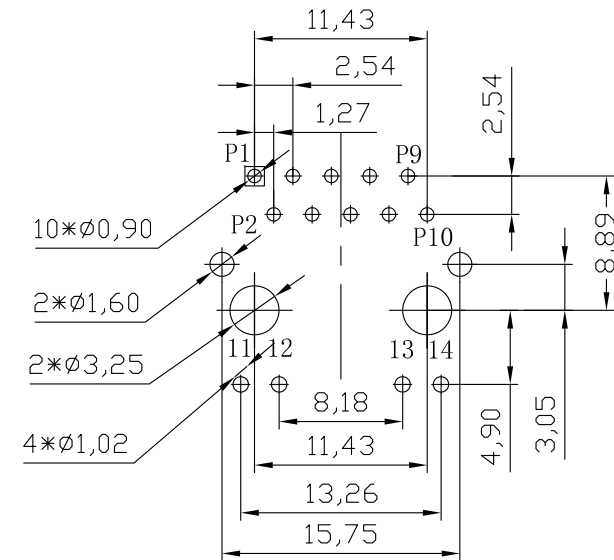
RoHS compliant

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: ±0.05mm)

					GENERAL TOLERANCE		DRAWN	Gene Li		2021/04/12	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			
A0		NEW DESIGN	2021/04/12		.XX ±0.25	.X° ± 1°					SHEET	1/2	PART NO.	20112E-111A-G106	
					.XXX ±0.15	.XX° ± 0.5°	APPROVE								
REV	ECN NO	DESCRIPTION	DATE	SIGNATURE			DRAWING NO				REV	A0	TITLE	RJ45-1000BASE 1X1 TAB-DOWN W/LED W/SHIELD	

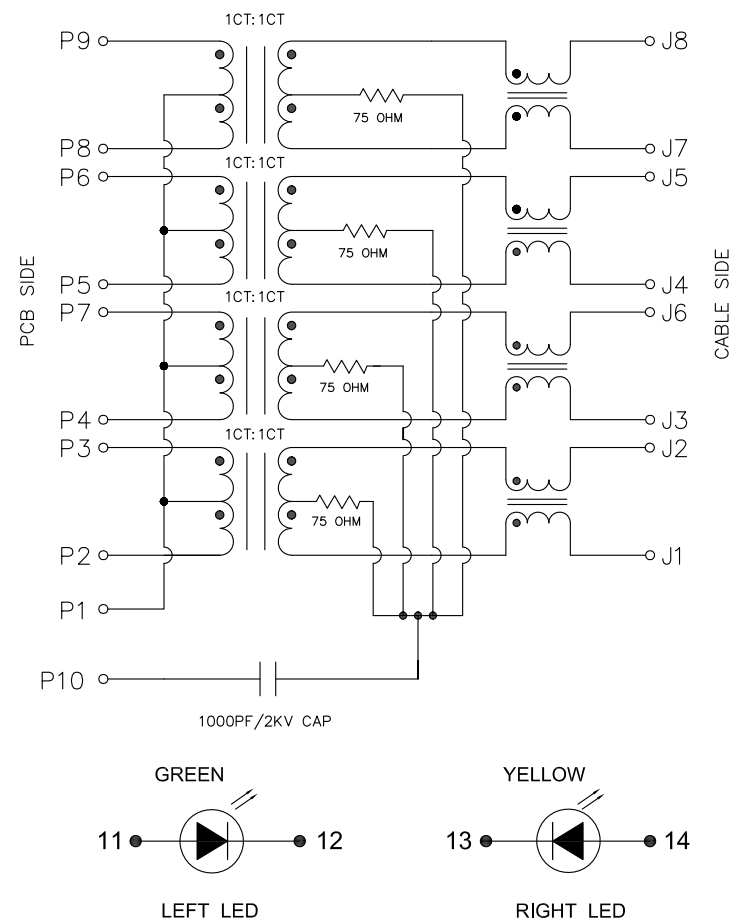
RoHS compliant

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 100Ω
 - 15dB Min 30-60MHz 100Ω
 - 12dB Min 60-80MHz 100Ω
 - 10dB Min 80-100MHz 100Ω
- 5.Cross talk:
 - 30dB Min 1-100MHz
- 6.Common Mode Rejection:
 - 30dB Min 1-100MHz
- 7.Hipot Test:
 - 2250VDC 3S 1mA Max
- 8.Operating Temperature Range: -40°C ~ +85°C
- 9.RJ45 Meets IEEE 802.3 Standards.
- 10.RJ45 Cavities Conform To FCC Rules And Regulation
 - Part 68 Subpart F.
- 11.LED Specification:

Emitting Color	λd (nm)tpy	Vf@If=20mA	Ir@Vr =5V
GREEN	570nm	1.8-2.4V	10uA Max
YELLOW	590nm	1.8-2.4V	10uA Max

SCHEMATICS



					GENERAL TOLERANCE		DRAWN	Gene Li	2021/04/12	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.	20112E-111A-G106	
				.XX	±0.25 .X° ± 1°									
A0		NEW DESIGN	2021/04/12		.XXX	±0.15 .XX° ± 0.5°	APPROVE			SHEET	2/2			
REV	ECN NO	DESCRIPTION	DATE	SIGNATURE	PROJECT 		DRAWING NO				REV	A0	TITLE	RJ45-1000BASE 1X1 TAB-DOWN W/LED W/SHIELD