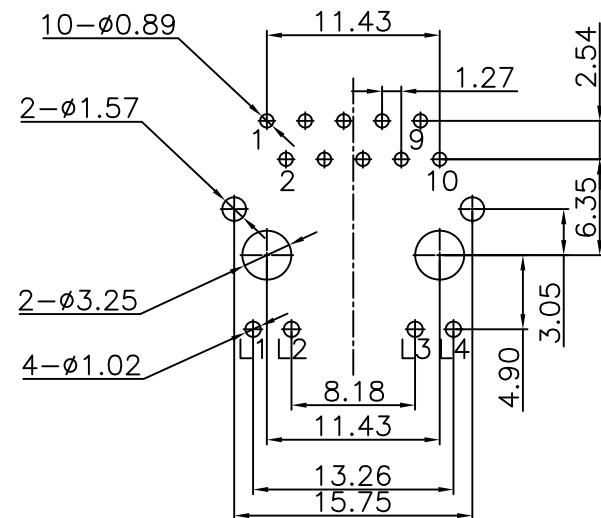
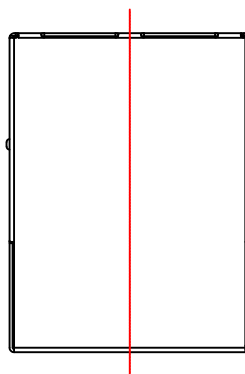
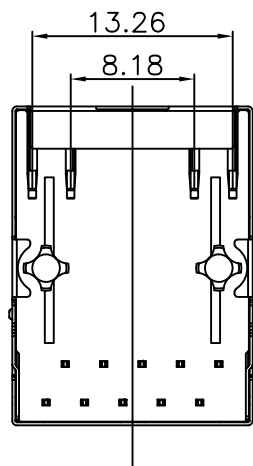
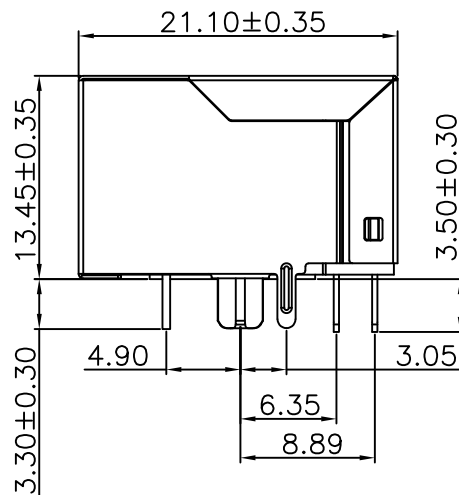
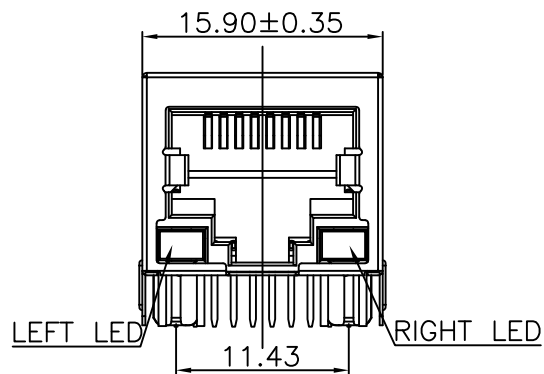


RoHS compliant



Recommended PCB Layout
(Tolerance:±0.05)

1.Material:

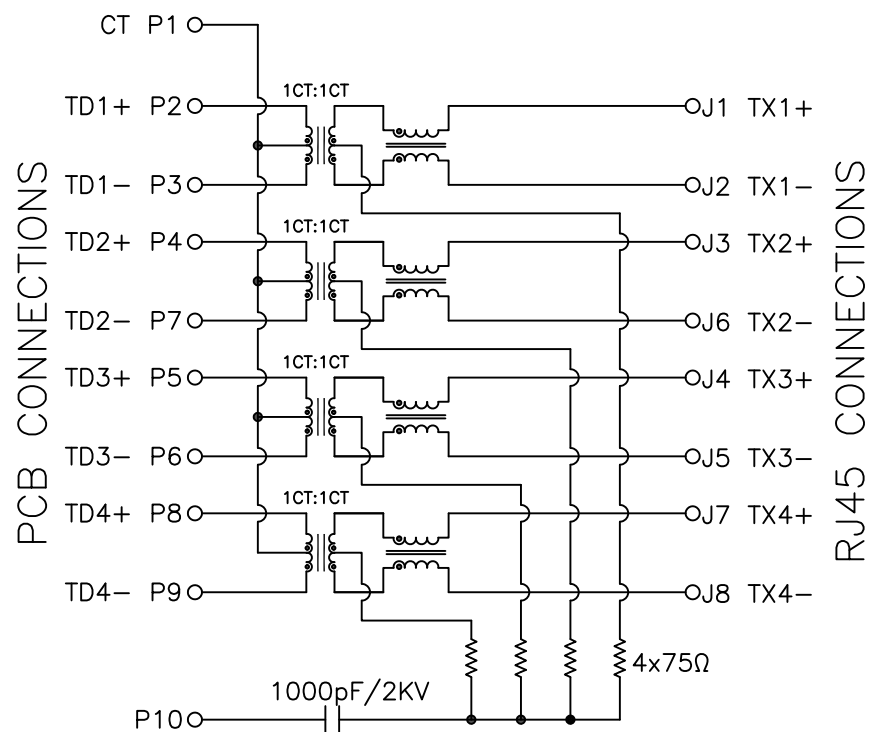
- 1.1 Housing: PBT UL94V-0 Black.
Insert: PBT UL94V-0 Black.
- 1.2 Shell: 30u" Ni Over Brass(C2680),T=0.20mm.
- 1.3 RJ45 Terminal:Phosphor Bronze(C5191) T=0.35mm
Plating:6u" Gold Plated On Contact Area,
80u" ~120u" Tin Plated On Solder Area,
50u" ~80u" Ni Underplated Overall.
- 1.4 Tail Terminal: Brass(C2680) T=0.35mm,
Plating: 80u" ~120u" Tin Plated Over,
30u" ~50u" Ni Underplated Overall.

2.Environmental requirements:

- 2.1 Lead-free process,compliant RoHS.

					GENERAL TOLERANCE			DRAWN		Gene Li		2022/04/08		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		HYI				PART NO. 20111E-111A-G119					
A0		NEW DESIGN		2022/04/08		.XX	±0.25	.X°	± 1°	APPROVE				TITLE: RJ45 TAB-DOWN 1000BASE-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	1/2	REV	A0	DRAWING NO.	201-G119

RoHS compliant



3. Electrical Specification @25°C:

3.1 Inductance: 350uH Min With 8mA DC bias.

3.2 Insertion loss :
1-100MHZ -1dB max.

3.3 Return loss :
1-30MHZ -18dB min.
30-60MHZ -16dB min.
60-80MHZ -12dB min.
80-100MHZ -10dB min.

3.4 Common Mode Rejection: 1-100MHZ -30dB min.

3.5 Cross Talk: 1-100MHZ -30dB min.

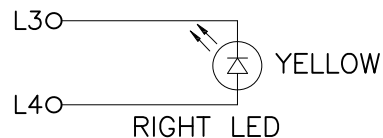
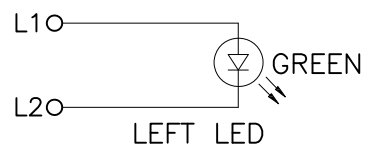
4. Operating and Storage Temperature:

4.1 Operating Temperature : 0°C to +70°C.

4.2 Storage Temperature : -40°C to +85°C.

5. Wave soldering peak temperature: 260°C.

Emitting Color	λ_p (nm)	$V_f @ I_f = 20\text{mA}$
Green	565	1.8-2.5V
YELLOW	585	1.8-2.5V



					GENERAL TOLERANCE		DRAWN		Gene Li		2022/04/08		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		HYI			PART NO.			20111E-111A-G119		
A0		NEW DESIGN	2022/04/08		.XX	±0.25	X.°	± 1°	APPROVE					TITLE:			RJ45 TAB-DOWN 1000BASE-TX 1X1 W/LED W/SHIELD		
REV	ECN NO	DESCRIPTION	DATE	SIGNATURE	PROJECT				UNIT		mm	SCALE	1:1	SHEET	2/2	REV	A0	DRAWING NO.	201-G119