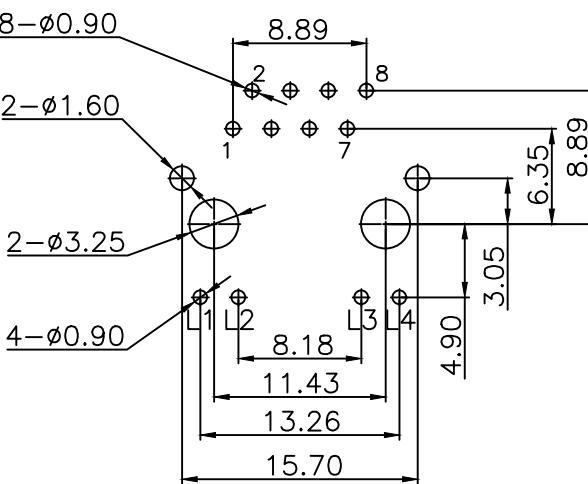
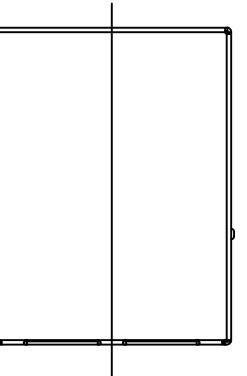
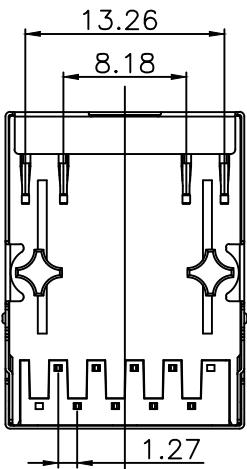
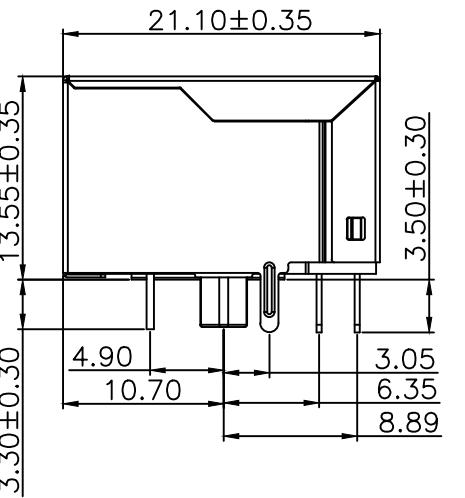
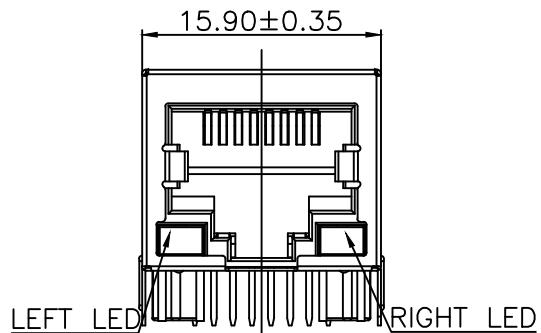


REV.	LOCAS.	DESCRIPTION	DRAWN	DATE
A	NEW	BATCH PRODUCTION INITIAL RELEASE.	Joan.Zhao	2025.02.27

F E D C B A F E D C B A



Recommended PCB Layout
(Tolerance: ±0.05)

1. Material:

- 1.1 Housing: PBT UL94V-0 Black.
Insert: PBT UL94V-0 Black.
- 1.2 Shell: Stainless steel ,SUS 201.
- 1.3 RJ45 Terminal:Phosphor Bronze(C5191) T=0.35mm
Plating:6u" Gold Plated On Contact Area,
80u" ~120u" Tin Plated On Solder Area,
30u" ~50u" 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.

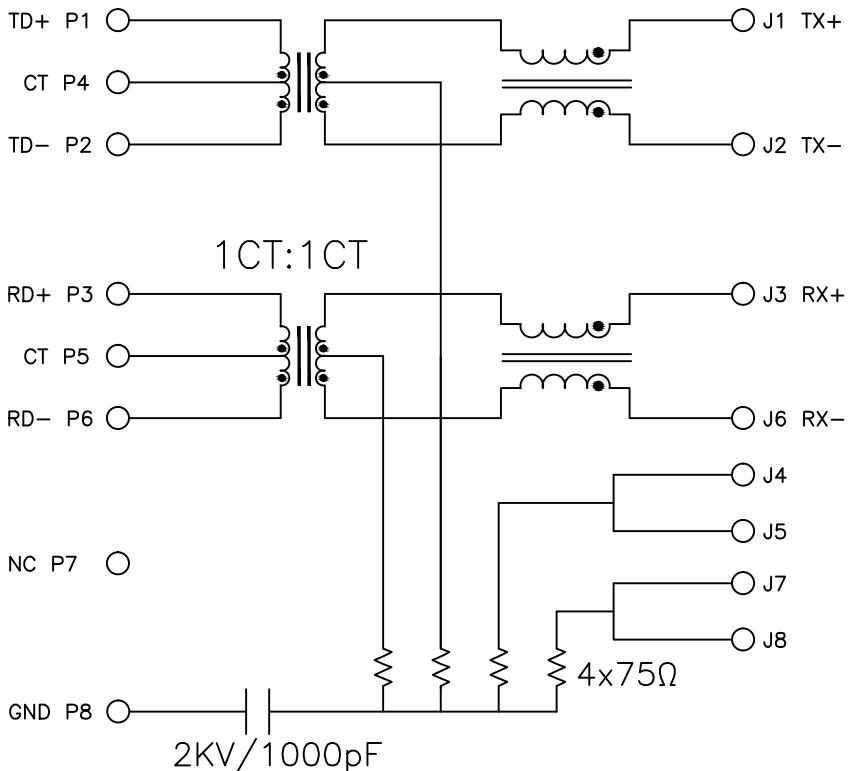
广州托克马斯电子有限公司

GENERAL TOLERANCE				DESIGNED: Joan.Zhao	DATE: 2025.02.27	DWG. NO. HR911105	TITLE. A10-RJ45 1x1 Dip Tab Down 10/100 Base With LED 6u" NS
X:±5.0°	X.±0.38	.X:±3.0°	.X±0.30	CHECKED: Joan.Zhao	DATE: 2025.02.27		
.XX:±2.0°	.XX±0.25	.XXX:±1.0°	.XXX±0.15	APPROVED: Sunny.F	DATE: 2025.02.27	PART NO. HR911105	
REV.	UNIT.	SCALE.	PAGE.	1/1	1/2		
A	mm	1:1	1/2				

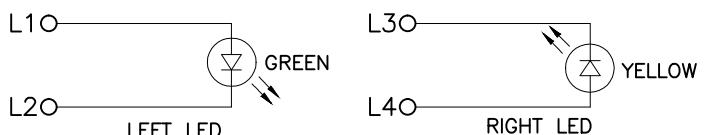
REV.	LOCAS.	DESCRIPTION	DRAWN	DATE
A	NEW	BATCH PRODUCTION INITIAL RELEASE.	Joan.Zhao	2025.02.27

PCB CONNECTIONS

1CT:1CT



RJ45 CONNECTIONS



Emitting Color	λ p(nm)	Vf@If=20mA
Green	565	1.8–2.5V
YELLOW	585	1.8–2.5V

- 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 :
1–10MHZ -20dB min.
10–30MHZ -16dB min.
30–60MHZ -12dB min.
60–80MHZ -10dB min.
 - 3.4 Common Mode Rejection:1–150MHZ -20dB min.
 - 3.5 Cross Talk:1–100MHZ -30dB min.
- 4.Operating and Storage Temperature:
- 4.1 Operating Temperature : -40°C to +85°C.
 - 4.2 Storage Temperature : -40°C to +85°C.
- 5.Wave soldering peak temperature:260°C.

广州托克马斯电子有限公司

GENERAL TOLERANCE				DESIGNED: Joan.Zhao	DATE: 2025.02.27	DWG. NO.	TITLE.
X: $\pm 5.0^{\circ}$	X: ± 0.38					HR911105	A10-RJ45 1x1 Dip Tab Down
.X: $\pm 3.0^{\circ}$	.X: ± 0.30			CHECKED: Joan.Zhao	DATE: 2025.02.27	PART NO.	10/100 Base With LED 6u" NS
.XX: $\pm 2.0^{\circ}$	.XX: ± 0.25					HR911105	
.XXX: $\pm 1.0^{\circ}$	.XXX: ± 0.15			APPROVED: Sunny.F	DATE: 2025.02.27		
REV.	UNIT.	SCALE.	PAGE.				
A	mm	1:1	2/2				