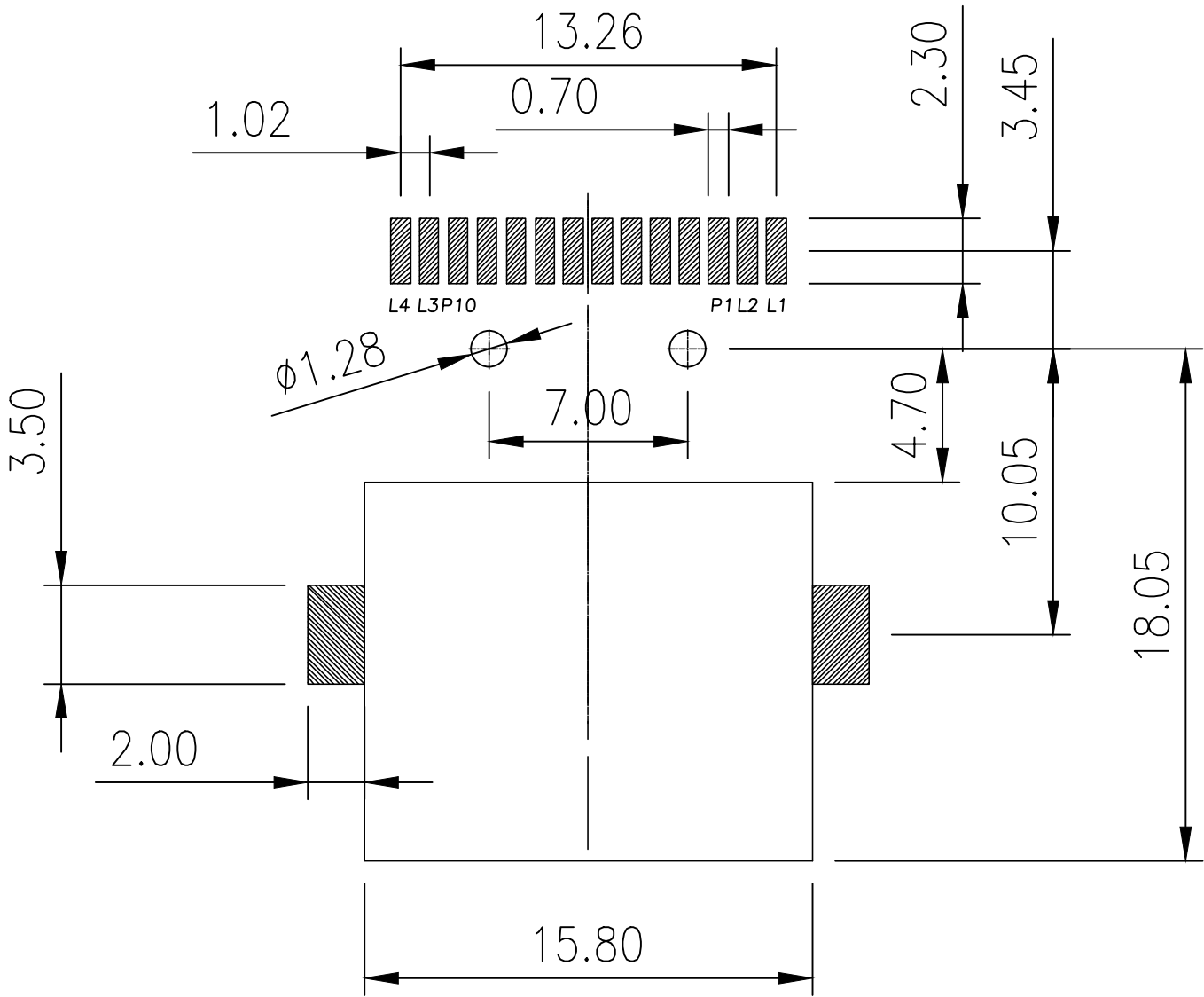
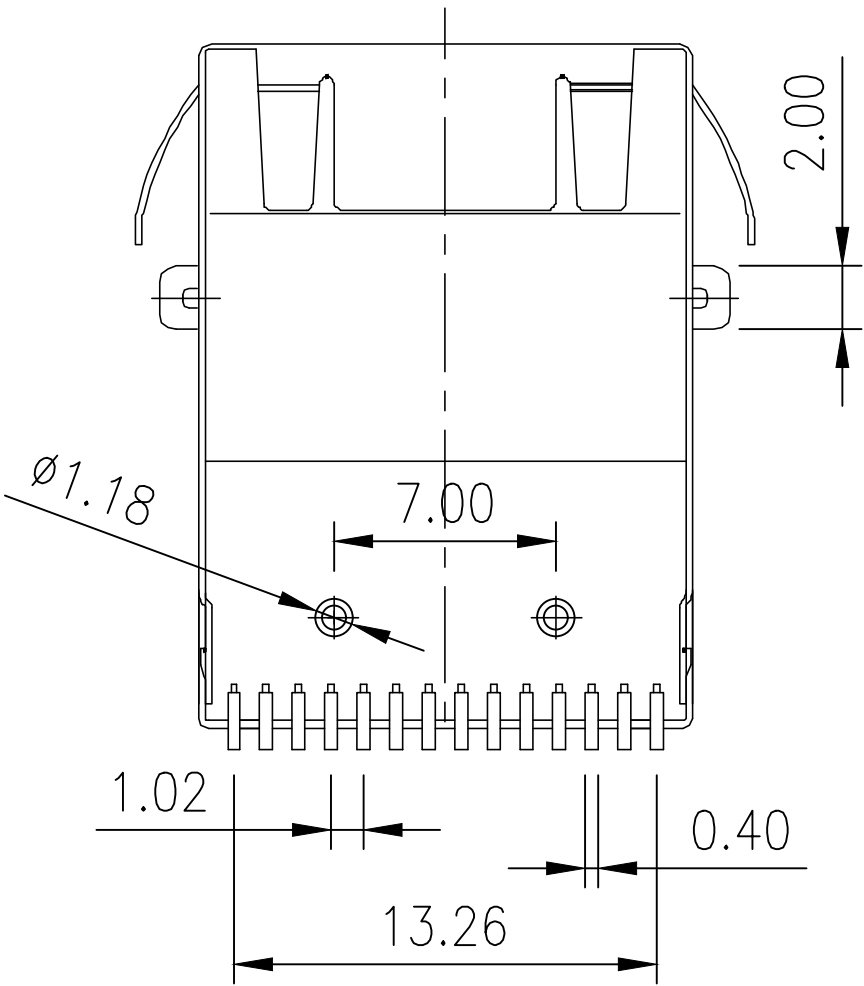
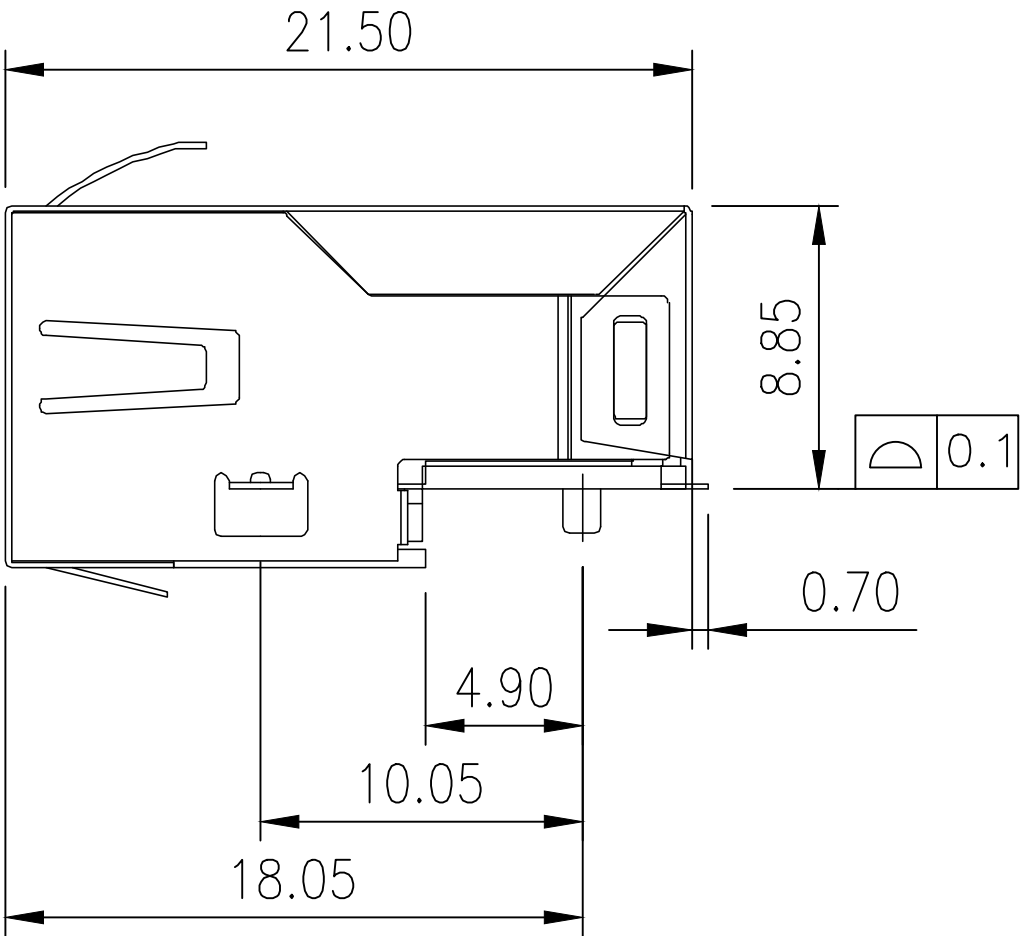
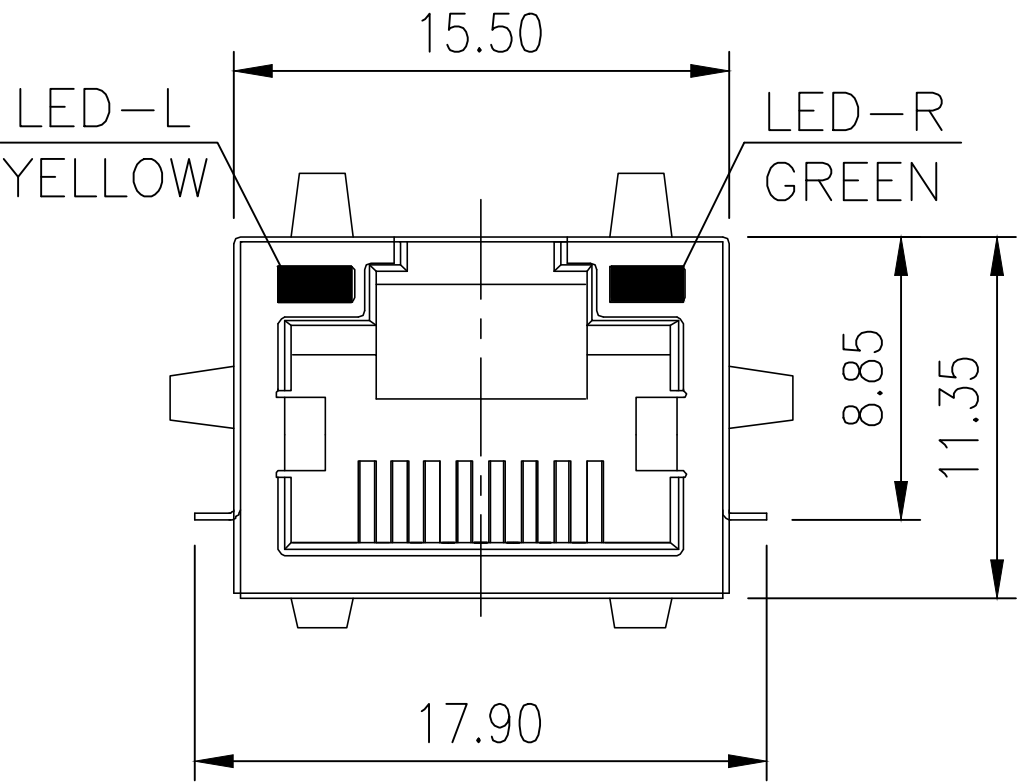


RoHS Compliant

REV	MODIFICATION	DATE	DRAW	APPROVE

Mechanical:



PCB LAYOUT

Connect Material:

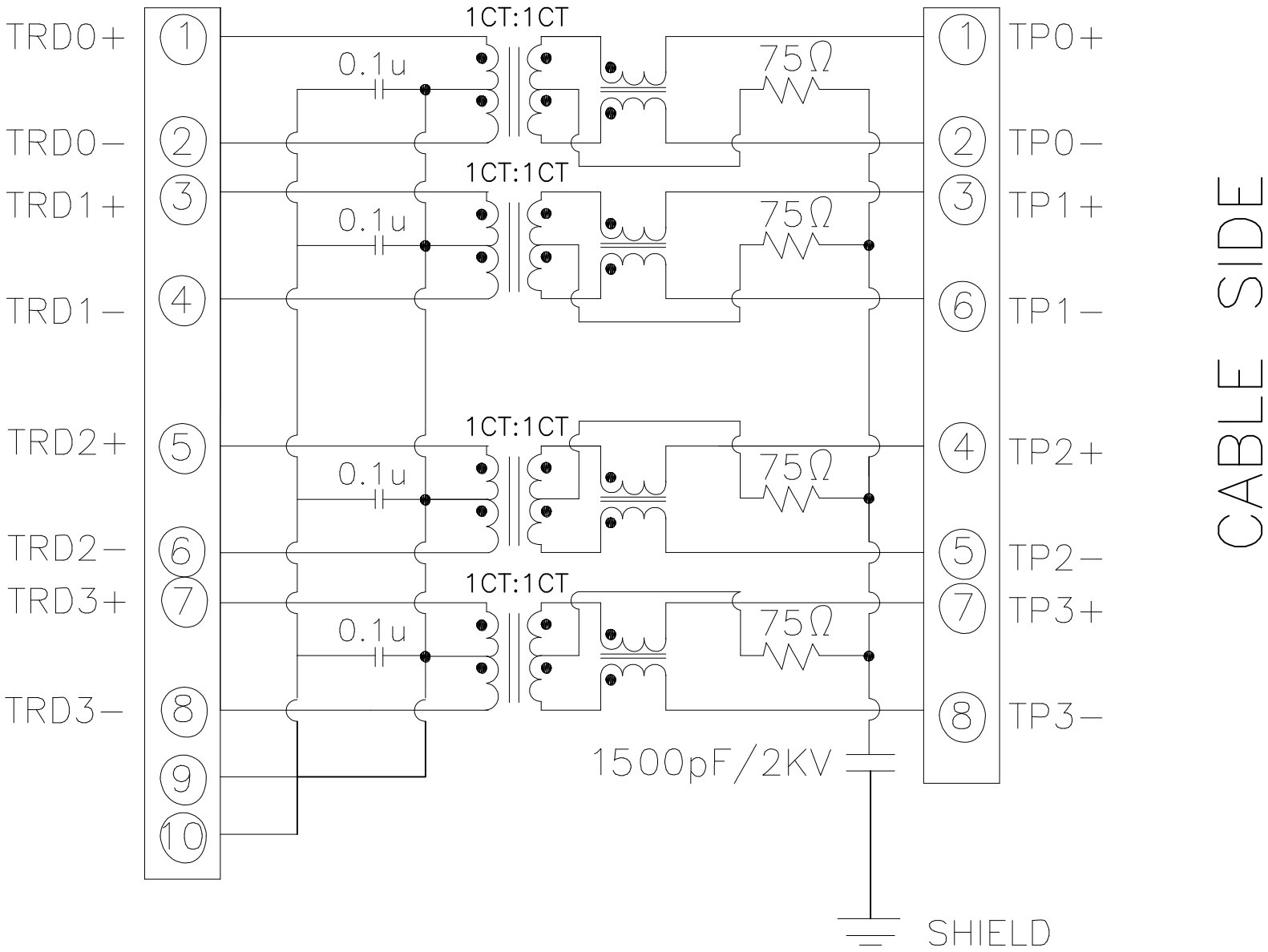
- Housing and insert:CPUL 94V-0,Black
- Shield:Copper alloy
- Shield Plating:Nickel
- Contact:0.35mm thick phosbronze plated with 6u” gold in contact area

QC :Inspection Item	DIMENSION IN mm [Inch]		ELLAX CORPORATION			
	TOLERANCE UNLESS OTHERWISE SPECIFIED		TITLE			
	.X± 0.38	X.°± 2.0°	RJ45 10/100/1000 BASE-T SMD			
	.XX± 0.20	.X°± 1.0°	DRAWING NUMBER			
	.XXX± 0.10		651GC3J4HE1			
APPROVE		CHECK	DRAW	PROJ.	SHEET X OF Y	
WP		Oliver	KONGLEI			
2019,08,06		2019,08,06	2019,08,06			
				SCALE 1:1	SIZE A3	REV A

RoHS Compliant

Schematic:

Type GC3



LED Code				
	Left LED		Right LED	
	+L3,−L4	−L3,+L4	+L1,−L2	−L1,+L2
A	Green	−	Yellow	−
B	Yellow	−	Green	−
C	Green	−	Green	−
D	−	Green	−	Yellow
E	−	Yellow	−	Green
F	Yellow	−	Orange	Green
G	Orange	Green	Yellow	−
0	−	−	−	−

Part Number:

XXX XXX XX X X X

① Series No.

② Transformer Type.

③ Shield Type.

④ R=Standard operation temp.(0°C to +70°C)
H=Industrial operation temp.(−40°C to +85°C)

⑤ LED Code:See left table.

⑥ RJ45 Plating

REV	MODIFICATION	DATE	DRAW	APPROVE

Electrical Specifications @25°C								
Turns Ratio (±2%)		OCL (uH Min.) @100 KHz/0.1V with 8mA DC Bias	Cross talk (dB Min.)				Hi-POT 1.0 mA (V)	
			0.5–10 MHz	30 MHz	50 MHz	100 MHz	WITHOUT CAPACITANCE	WITH CAPACITANCE
1CT:1CT	1CT:1CT	350	−50	−40	−35	−30	1500 AC	2250 DC

Continue							
Insertion Loss (dB Max.)		Return Loss (dB Min.) @ Load 100 OHM					CMR (dB Min.)
1–100 MHz	100–125 MHz (10/100/1000)	1–30 MHz	30–50 MHz	60 MHz	60–80 MHz	80–100 MHz (10/100/1000)	1–100 MHz
−1.0	−1.2	−18	−16	−14	−12	−10	−30

Part Number:

651GC3J4HE1

Plating:
1:Gold 6u”

LED CODE

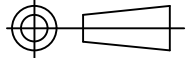
Industrial operation temp

Locate: front of tab 10.05

With EMI fingers.

Transformer Type.

Series No.

QC : Inspection Item	DIMENSION IN mm [Inch]		ELLAX CORPORATION					
	TOLERANCE UNLESS OTHERWISE SPECIFIED		TITLE					
	.X± 0.38		X.°± 2.0°		RJ45 10/100/1000 BASE-T SMD			
	.XX± 0.20		.X°± 1.0°		DRAWING NUMBER			
	.XXX± 0.10				651GC3J4HE1			
	APPROVE		CHECK		DRAW			
	WP 2019,08,06		Oliver 2019,08,06	KONGLEI 2019,08,06	PROJ.		SHEET X	OF Y
					SCALE 1:1		SIZE A3	REV A