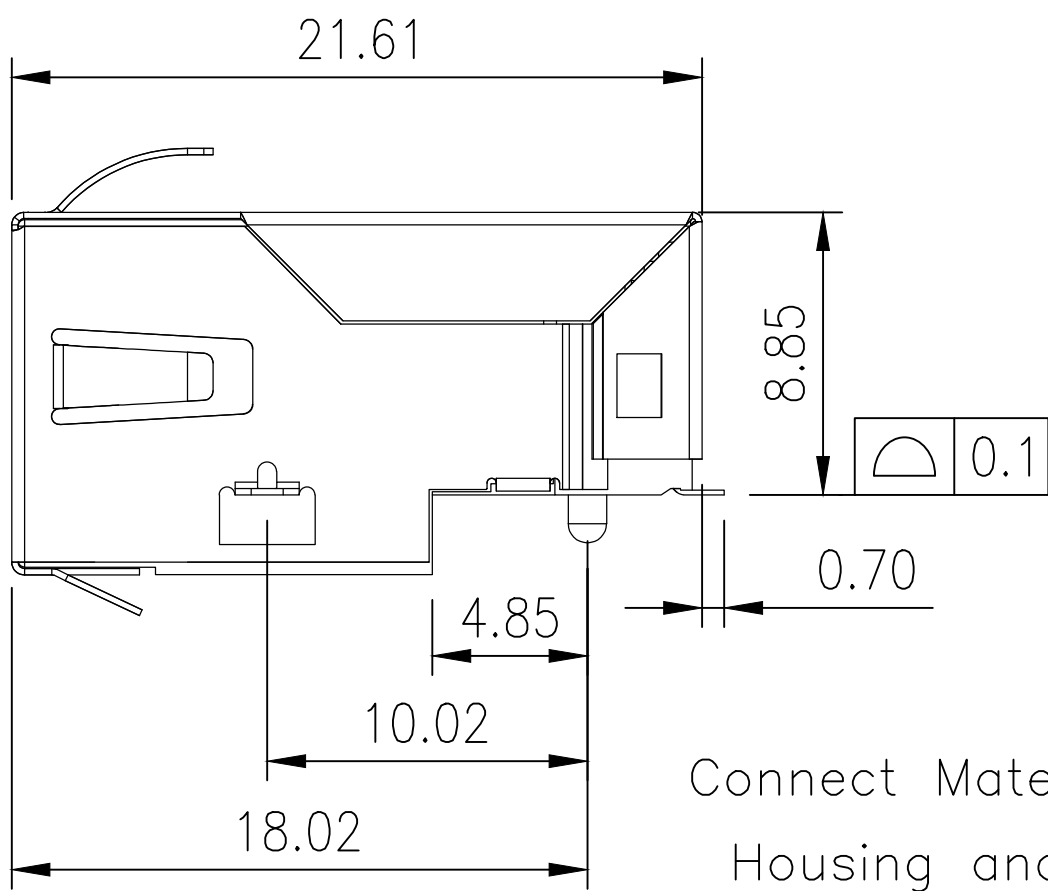
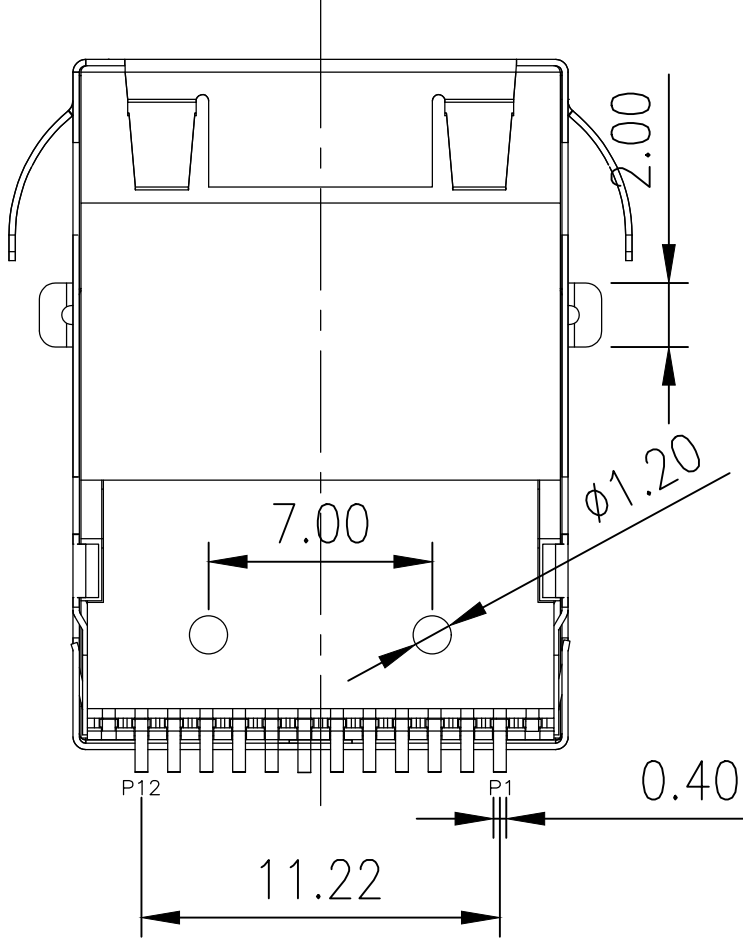
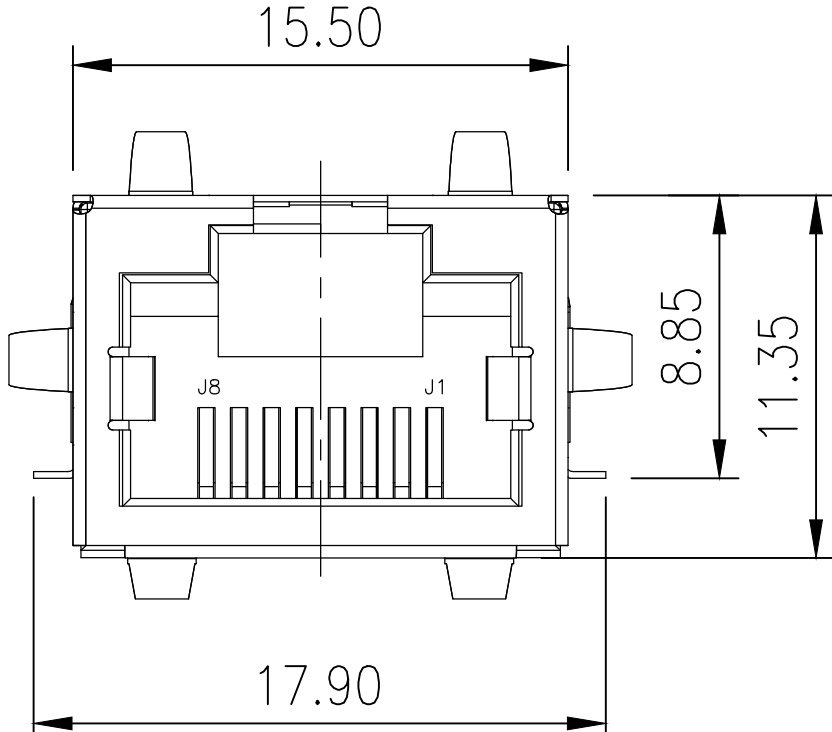
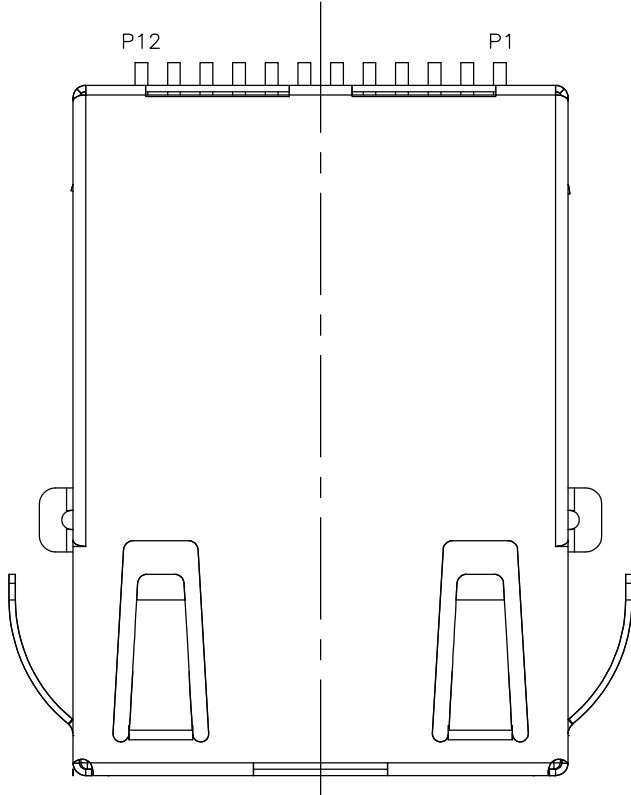
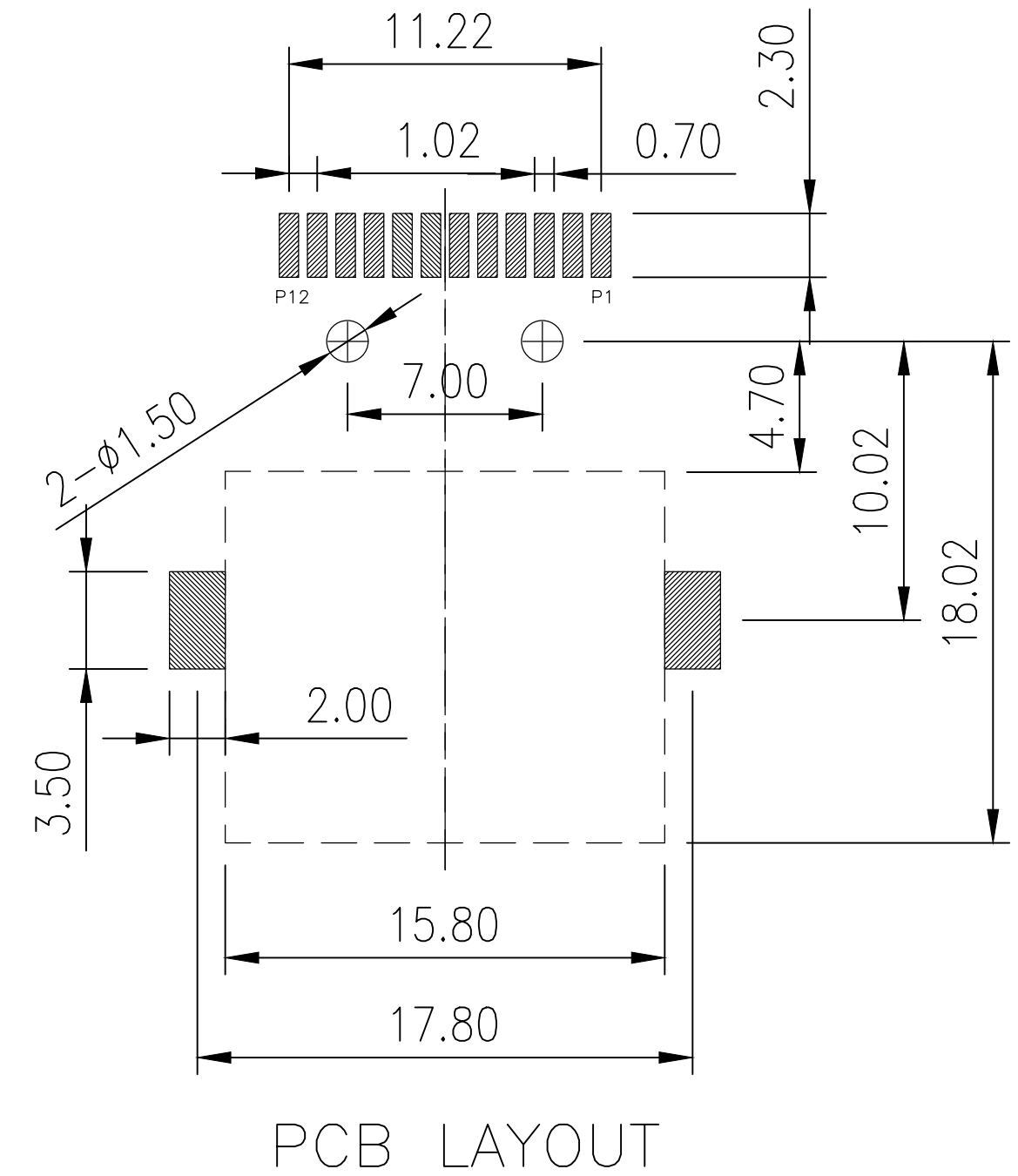


RoHS Compliant

Mechanical:



Connect Material:
Housing and inserter:LCP,UL 94V-0,Black
Shield:Copper alloy
Shield Plating:Nickel
Contacts: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 RJ45 10/100/1000 BASE-T SMD			
	.X± 0.38	X.°± 2.0°	DRAWING NUMBER 651GF2J4R01			
	.XX± 0.20	.X°± 1.0°	DRAW KONGLEI 2020,02,03			
	.XXX± 0.10					
APPROVE Corey 2020,02,03		CHECK Oliver 2020,02,03		PROJ.	SHEET X OF Y	
				SCALE RATIO	SIZE A3	REV A

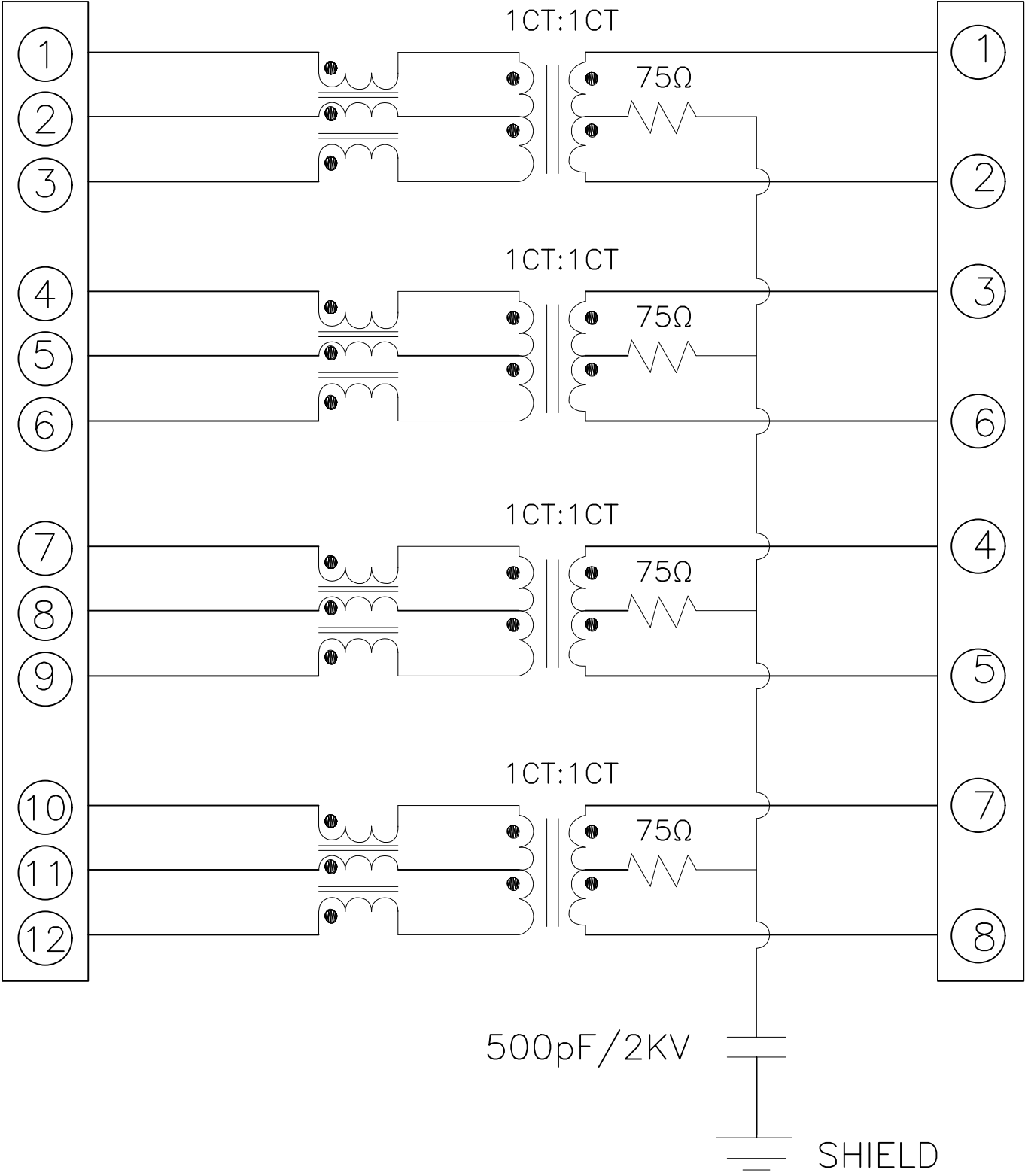
RoHS Compliant

Schematic:

Type GF2

PCB SIDE

CABLE SIDE



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)	
TX	RX		0.5-10 MHz	30 MHz	50 MHz	100 MHz	WITHOUT RESISTOR	WITH RESISTOR
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	

SURGE Line to GND 4KV

Part Number:

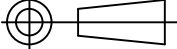
651GF2J4R01

- Plating: 1:Gold 6u"
- Without LED
- Standard operation temp.
- Locate: front of tab 10.02
- With EMI Finger.
- Schematic Type.
- Series No.

Code	RJ45 Plating				LED Code			
	Contact area	Solder tail	Under plating		Left LED	Right LED		
F	3u" gold	100u" Tin Min.	40u" Nickel Min.	A	Green	-	Yellow	-
1	6u" gold			B	Yellow	-	Green	-
2	15u" gold			C	Green	-	Green	-
3	30u" gold			D	-	Green	-	Yellow
4	50u" gold			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

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		651GF2J4R01			
	APPROVE	CHECK	DRAW	PROJ.	SHEET X OF Y	
Corey 2020,02,03	Oliver 2020,02,03	KONGLEI 2020,02,03				
			SCALE	RATIO	SIZE A3	REV A