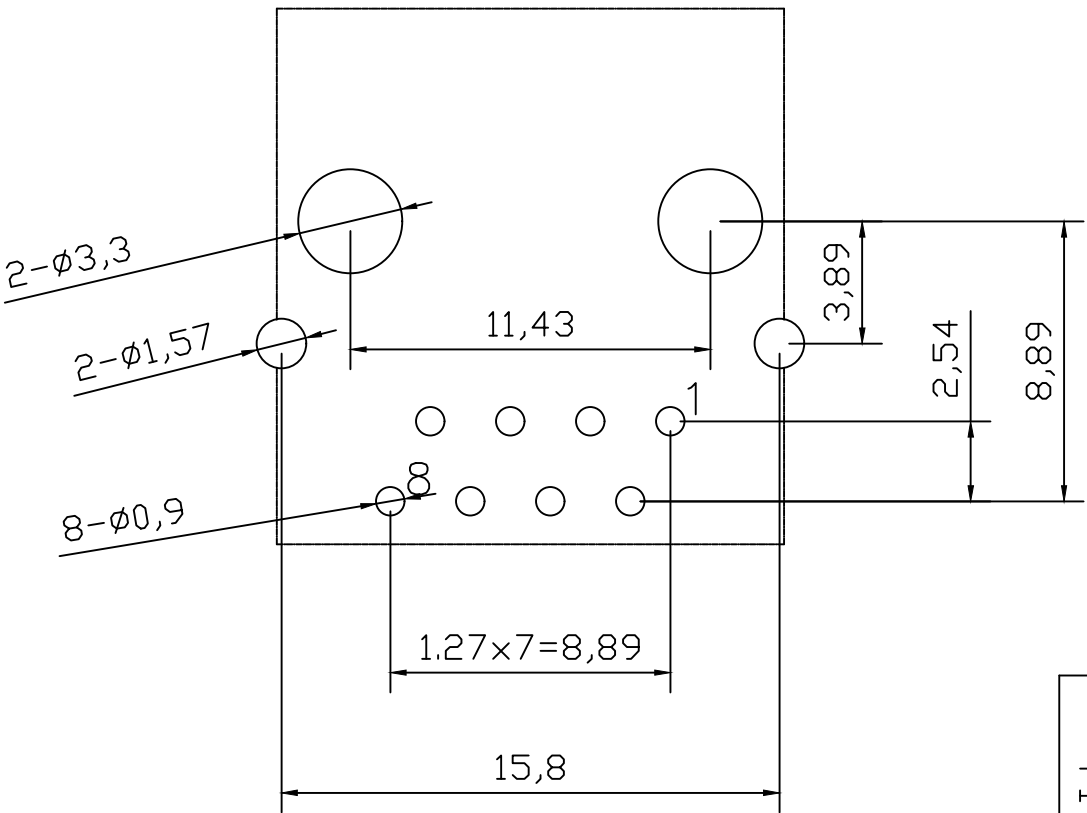
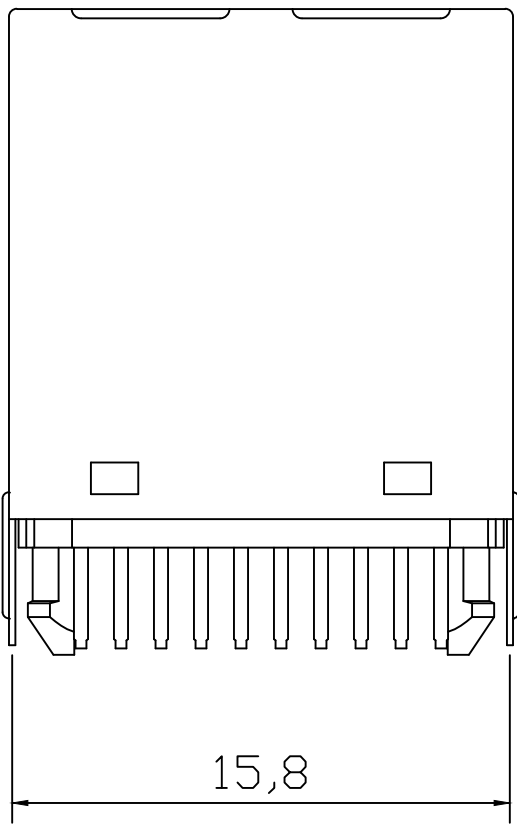
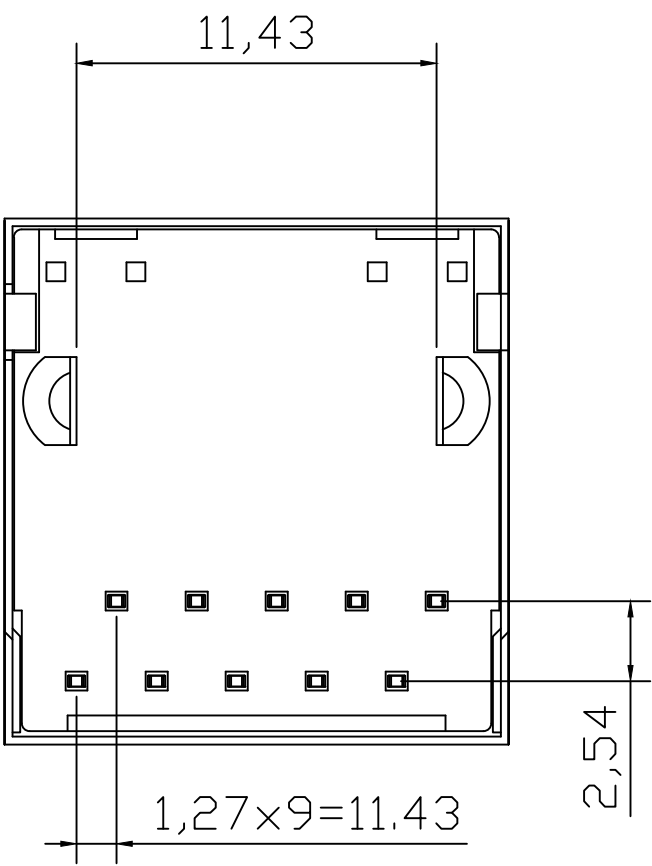
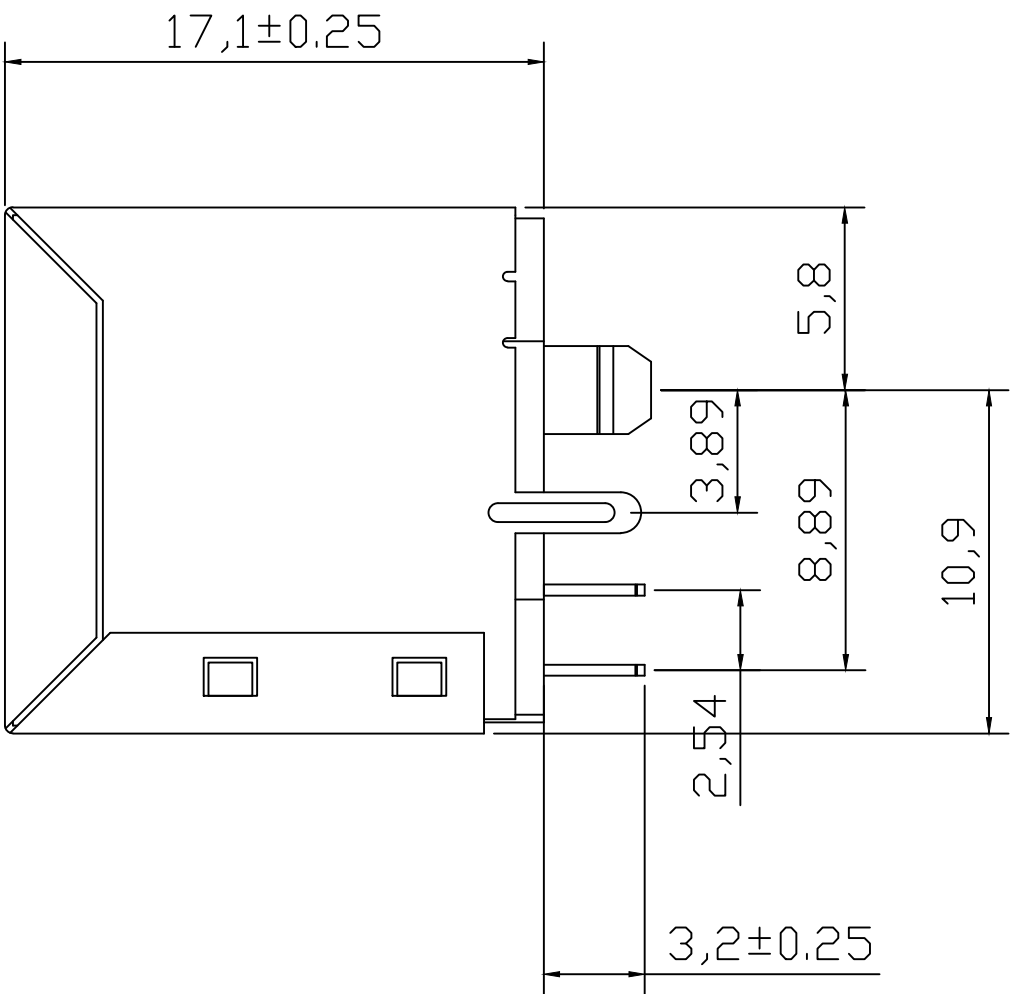
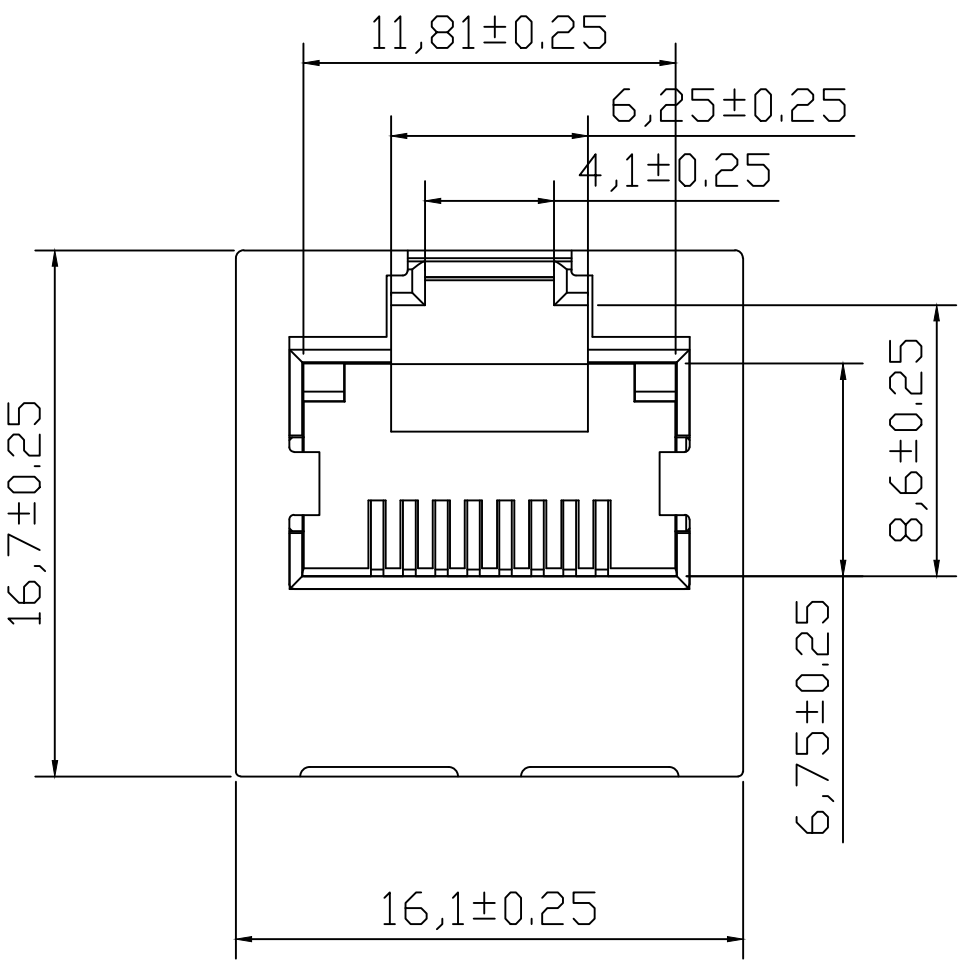


RoHS Compliant

Mechanical:



PCB Layout

NOTE:

- 1.Shielded - 0.20mm THICKNESS BRASS C2680 H. PLATING NICKEL 30u"-50u".
- 2.Housing- Standard Material PA66,Glass Filled Polyester UL94V-0 Standed Color Black.
- 3.Insert Pin- Plastic:PBT UL94V-0,Standard Color Black. Pin:0.35mm Thickness Phos-Bronze C5210 EH. Plating:Nickel40u"~60u" for all and Sn 100% ,and Gold Plating.
- 4.Contact Pin- Plastic:PA66,Glass Filled,UL94V-0, Standard Color Black. Pin:0.35mm Thickness SUS430. Plating:Nickel40u"~60u" for all and Sn 100%.

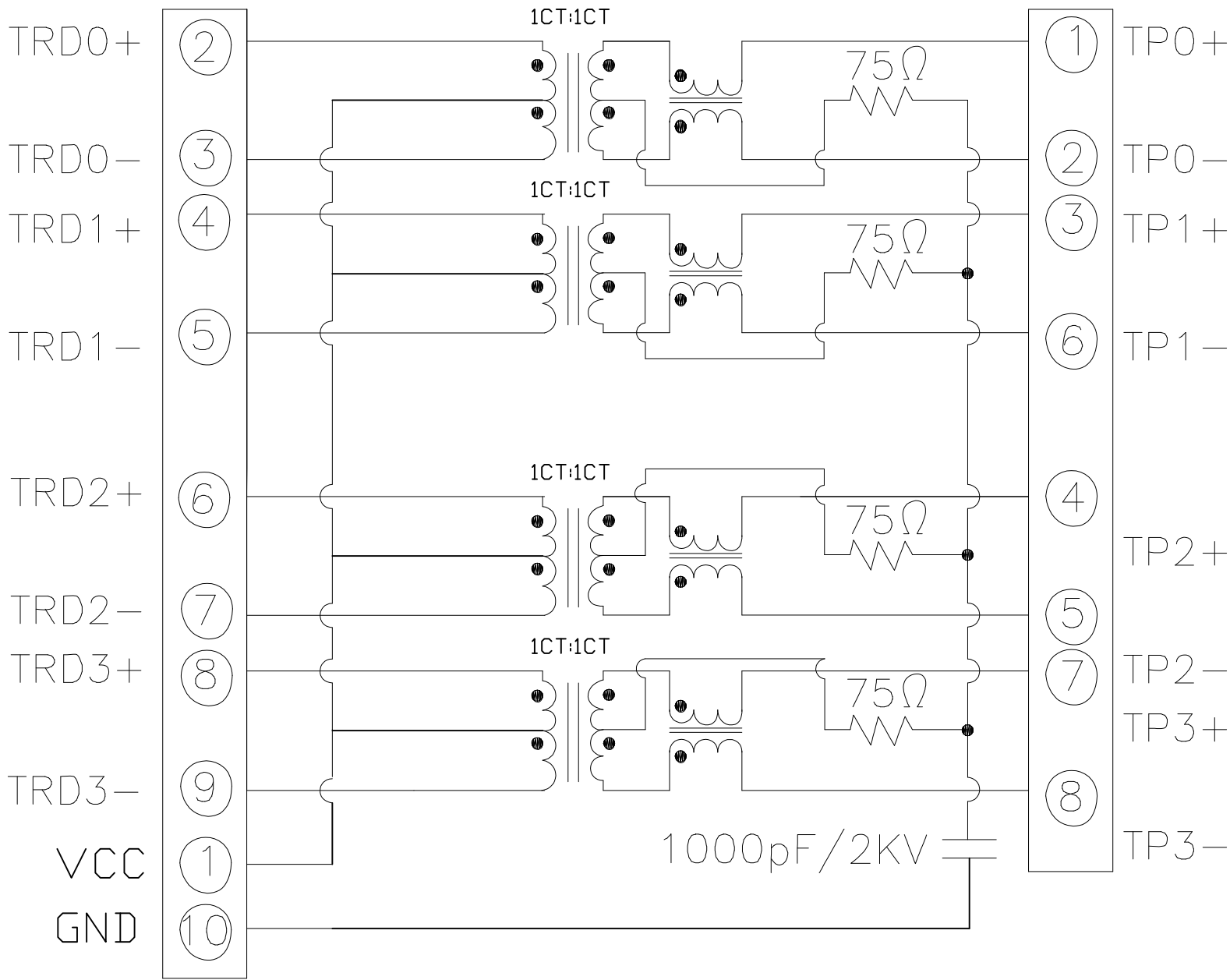
QC Inspection Item	DIMENSION IN mm [Inch]		ELLAX CORPORATION			
	TOLERANCE UNLESS OTHERWISE SPECIFIED		TITLE			
	.X± 0.38	X.°± 2.0°	RJ45 180° 1x1 10/100/1000			
	.XX± 0.20	.X°± 1.0°	DRAWING NUMBER			
	.XXX± 0.10		681G1015R01			
APPROVE		CHECK	DRAW	PROJ.	SHEET	OF
WP		Andy	Alen	⌀	X	Y
2019,08,15		2019,08,15	2019,08,15	SCALE	RATIO	SIZE
						A3
						REV
						A

RoHS Compliant

Schematic:

Type G10

PCB SIDE



CABLE SIDE

Electrical Specifications @25°C								
Turns Ratio (±2%)		DCL (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 CAPACITARCE	WITH CAPACITARCE
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:

681G1015R01

- Plating:
1:Gold 6u"
- Without LED
- Standard operation temp.
- Pin Type(3.89)
- Without Tabs
- Transformer Type.
- Series No.

				LED Code				
Code	RJ45 Plating				Left LED		Right LED	
	Contact area	Solder tail	Under plating		+L1,-L2	-L1,+L2	+L3,-L4	-L3,+L4
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
				8	Green	Red	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								
			RJ45 180° 1x1 10/100/1000								
			DRAWING NUMBER								
			681G1015R01								
	APPROVE	CHECK	DRAW	PROJ.			SHEET	X	OF	Y	
	WP 2019,08,15	Andy 2019,08,15	Alen 2019,08,15	SCALE	RATIO		SIZE	A3		REV	A