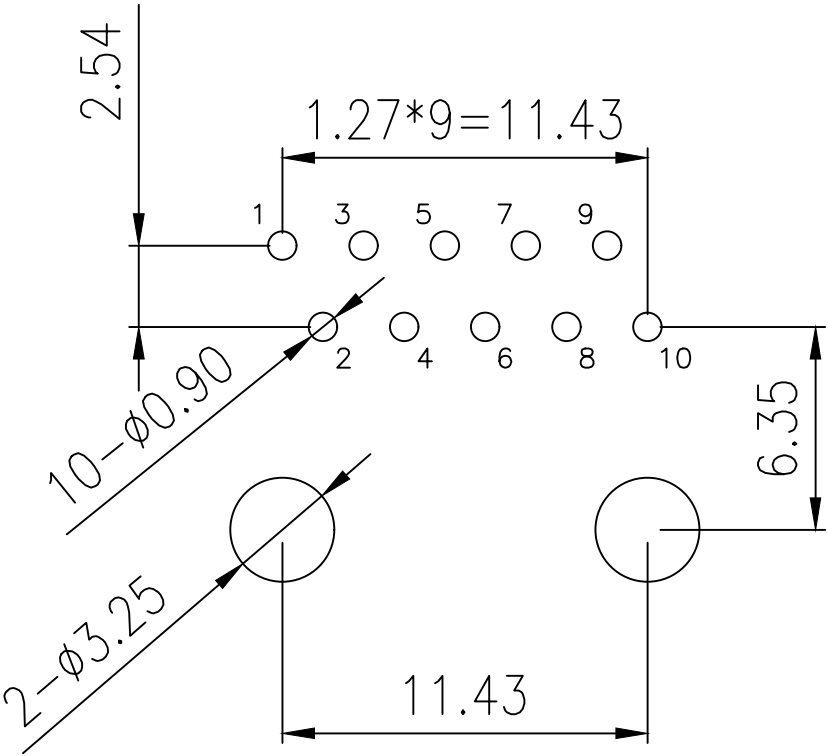
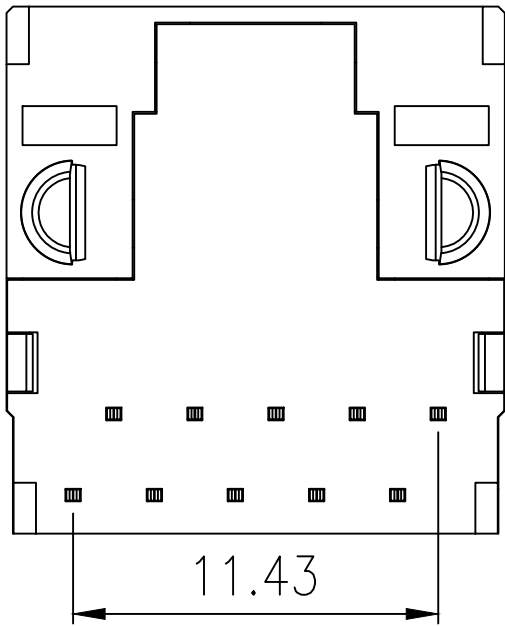
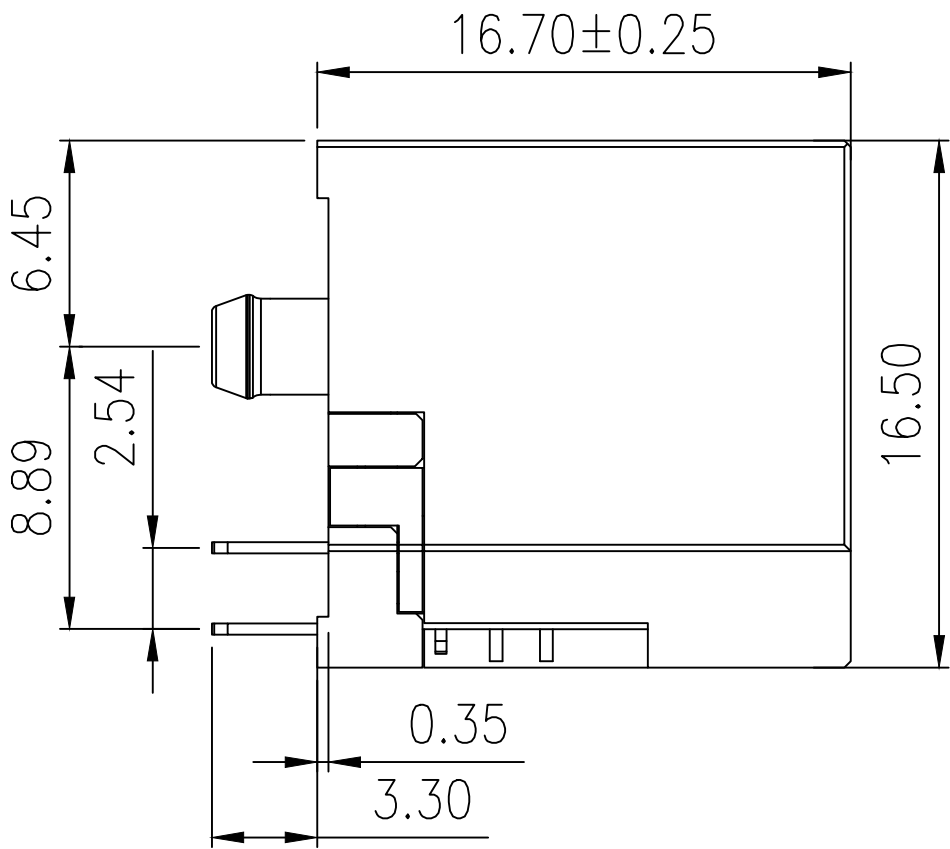
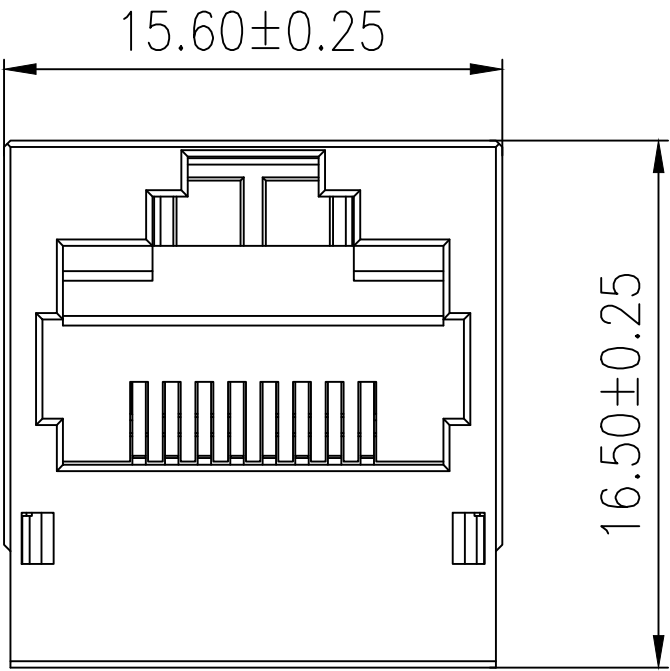
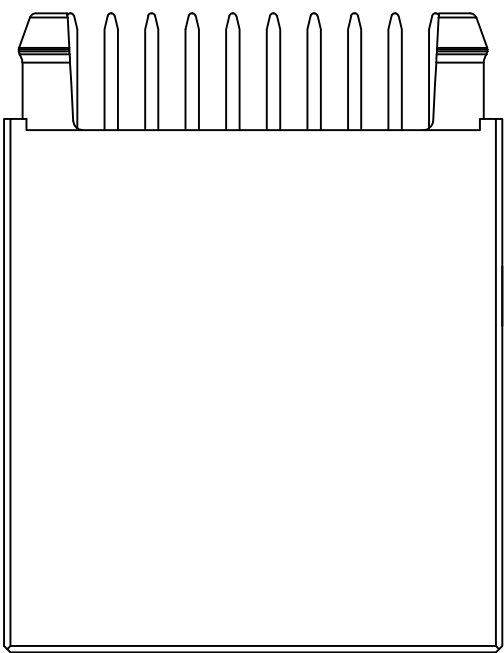


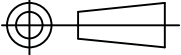
RoHS Compliant

Mechanical:



PCB Layout

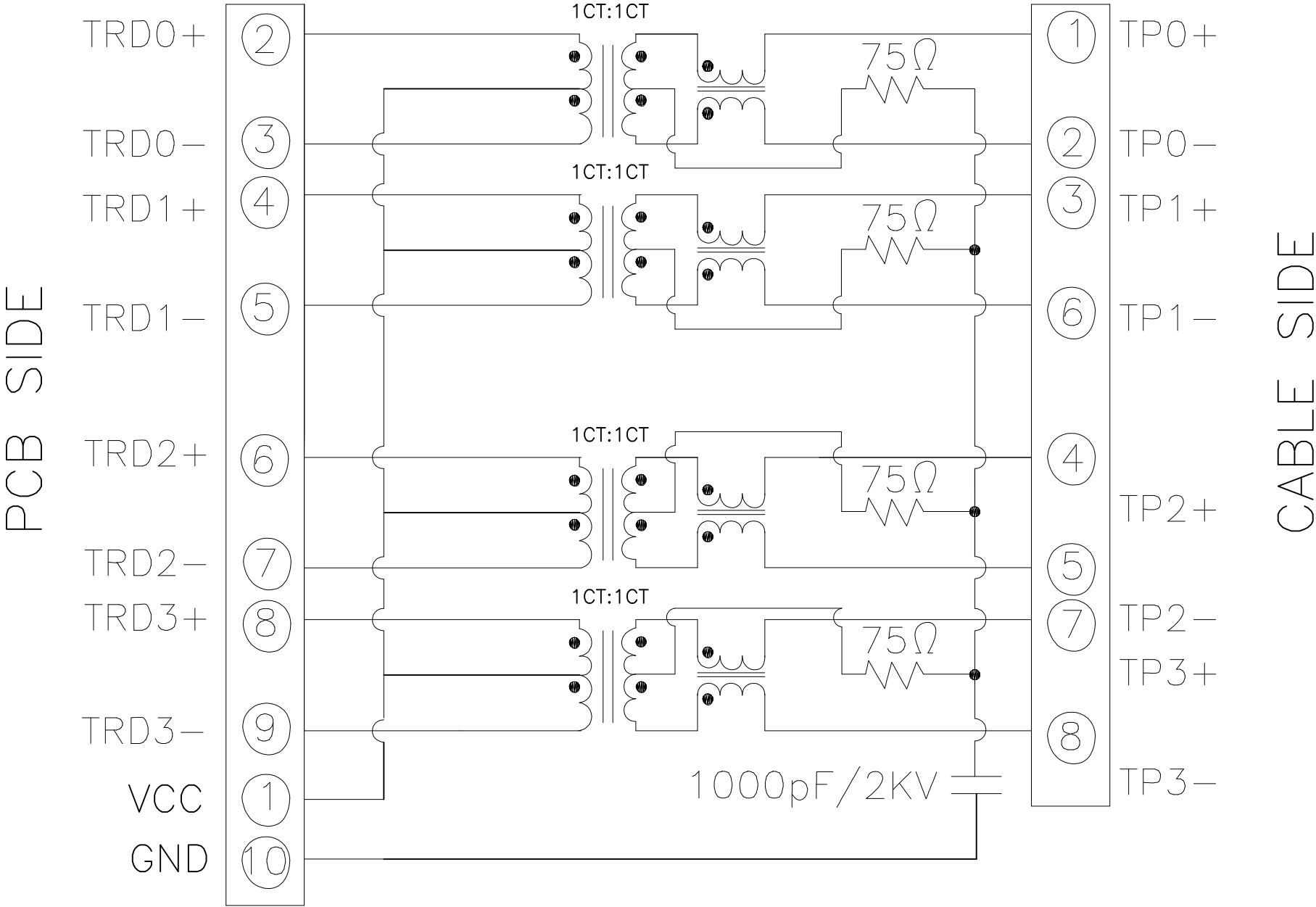
CONNECT MATERIAL:
HOUSING AND INSERT:THERMOPLASTIC,PA46,UL 94V-0,BLACK
CONTACT:COPPER ALLOY
10PIN INPUT TERMINAL:BRASS C2680-H=0.35mm 80u”Ni/120u”Sn
8C TERMINAL: PHOSPER BRONZE C5210R-EH T=0.35mm
Selective gold 6u” Min /50~80u”Ni/120u”Sn

QC :Inspection Item	DIMENSION IN mm [Inch]		ELLAX CORPORATION			
	TOLERANCE UNLESS OTHERWISE SPECIFIED		TITLE RJ45 180° 1x1 10/100/1000			
	.X± 0.38	X.°± 2.0°	DRAWING NUMBER 681G1000R01			
	.XX± 0.20	.X°± 1.0°				
	.XXX± 0.10					
APPROVE Corey 2019,08,15		CHECK Eason 2019,08,15		DRAW KONGLEI 2019,08,15		PROJ. 
				SHEET X OF Y		SCALE RATIO
				SIZE A3		REV A

RoHS Compliant

Schematic:

Type G10



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 CAPACITARCE	WITH CAPACITARCE
TX	RX							
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:

681G1000R01

Plating:
1:Gold 6u”
Without LED
Standard operation temp.
Without Shield
Without Shield
Transformer Type.
Series No.

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

Part Number:

XXX XXX XX X X X
① ② ③ ④ ⑤ ⑥
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			
	.X± 0.38	X.°± 2.0°	DRAWING NUMBER 681G1000R01			
	.XX± 0.20	.X°± 1.0°				
	.XXX± 0.10					
APPROVE Corey 2019,08,15	CHECK Eason 2019,08,15		DRAW KONGLEI 2019,08,15	PROJ. ⊕ SHEET X OF Y	SCALE RATIO SIZE A3 REV A	