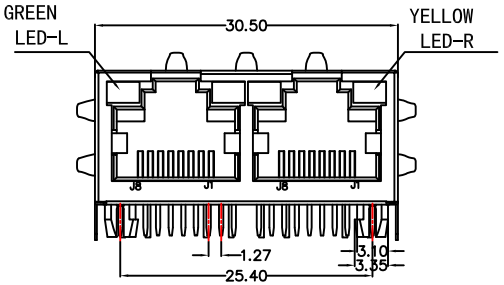
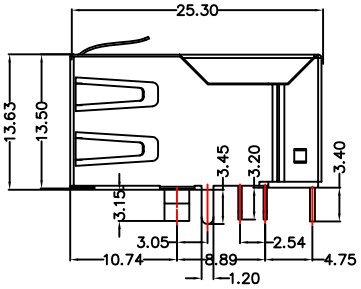
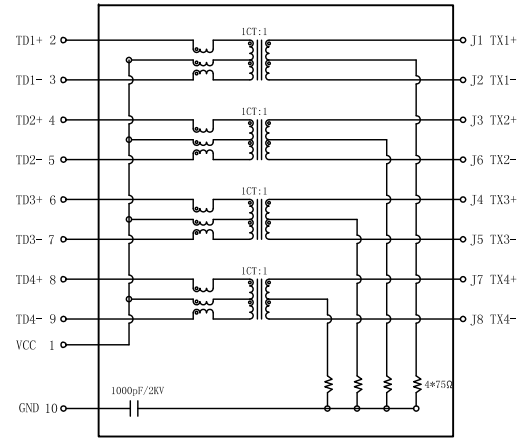
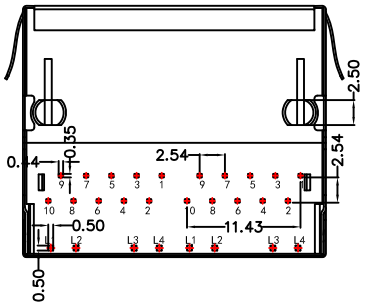
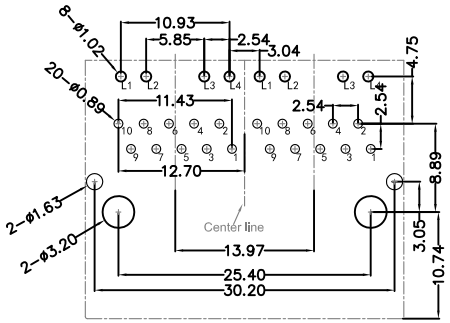
更改 REV	說 明 MODIFICATION
A	ECXXXXX



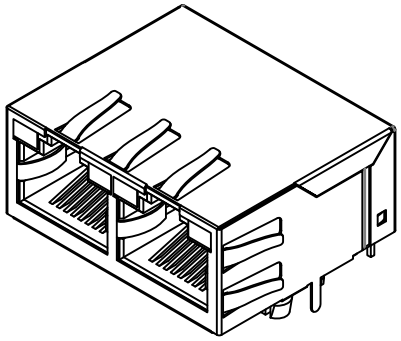








RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE



NOTES :

ELECTRICAL:

CURRENT RATING: 1.5A
VOLTAGE RATING: 125V AC
INSULATION RESISTANCE: 500M Ω Mini
WITHSTAND VOLTAGE: AC 1500 V RMS 50Hz OR 60Hz 1 Min
CONTACT RESISTANCE: 20mΩ Max
TR: 1:1 ±3%
WORKING TEMPERATURE: -40℃~+85℃

MECHANICAL:

INSERTION FORCE: 2 CONTACTS---350g 4 CONTACTS---500g
6 CONTACTS---750g 8 CONTACTS---900g
10 CONTACTS---1050g

RETENTION STRENGTH: 7.7Kg BETWEEN JACK AND PLUG
DURABILITY: 750 MATING CYCLES Min

HOUSING: 1) GLASS FILLED PBT (UL 94V-0) BLACK.

MATERIAL:

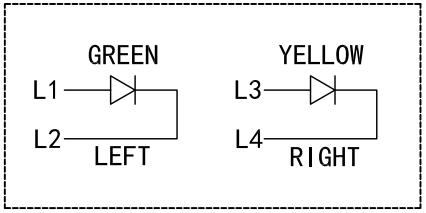
SPRING WIRE: THICKNESS PHOSPHOR BRONZE ALLOY
SELECTIVE GOLD PLATING OVER NICKEL

TERMINAL: 0.20mm THICKNESS COPPER ALLOY WITH NICKEL
PLATED & Sn PLATED &Au 6u".

COVER:COPPER ALLOY WITH NICKEL.

ELECTRICAL SPECIFICATIONS AT 25℃

LNSERTION LOSS db max	Return Loss dB min			Crosstalk(db TYP)			Common Mode Rejection (dB TYP)		Hipot(vrms)
1-100MHz	1-30MHz	30-60MHz	60-80MHz	1-30MHz	30-60MHz	60-80MHz	1-50MHz	50-150MHz	
-10	-20	-12	-10	-40	-35	-30	-35	-35	1500



RoHS

GENERIAL TOLERANCE		KINGCONN 皇海科技股份有限公司		
X.± 0.50	X.°± 5 °			
.X± 0.30	.X°± 2 °			
.XX± 0.20	.XX°± 1 °	名 稱(TITLE) RJ45+TRANSFORMER 100 / 1000 BASE WITH		
單 位(UNIT) mm	料 號(PART NO.) 7RJ45-F0-0049-1		圖 號(DWG NO.) 7RJ45-F0-0049-無接地	
審 核(APPROVAL)	核 對(CHECKED)	製 圖(DRAWN)	比 例 SCALE 1:1	張數 SHEET 1 / 1
			角 法 PROJ.	更改 REV A