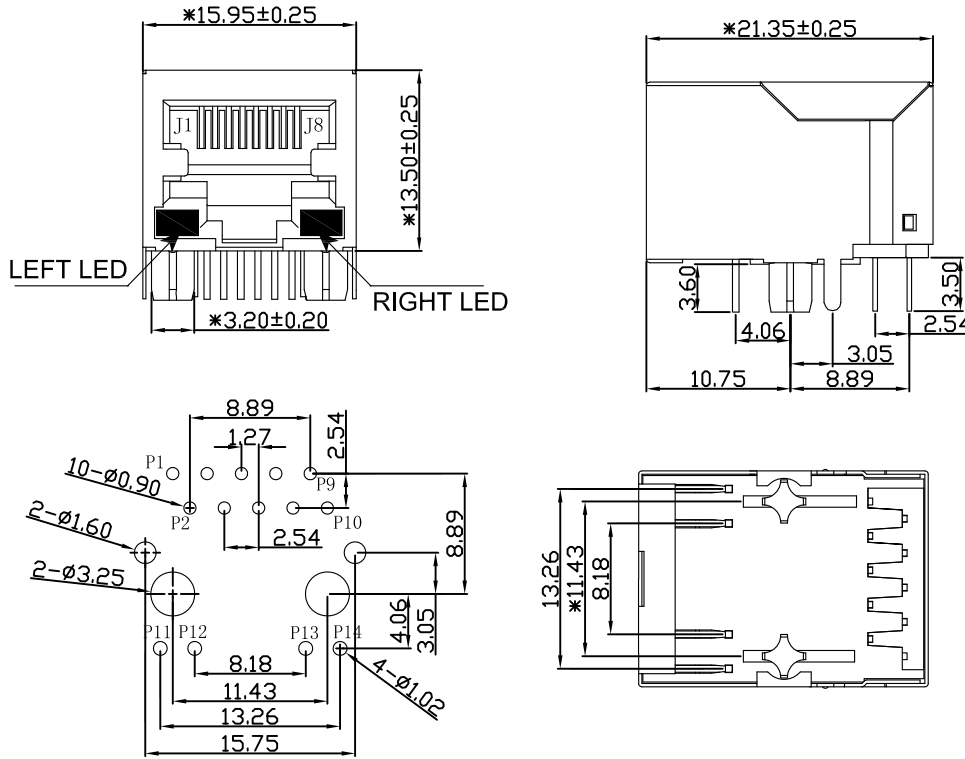




P.C.B. RECOMMENDED HOLE LAYOUT SEEN FROM COMPONENT SIDE.
ALL CENTERLINE DIMENSIONS ARE BASIC

Metal Shell : Copper Alloy, Finish: 30u" Nickel
Housing : Thermoplastic,PBT,UL 94V-0,Black
Insert : Thermoplastic,PBT,UL 94V-0,Black
Contact Terminal/phosphor Bronze
6u" Gold on Contact Area, 100u" Tin on Solder,
Both over 50u" Nickel Under-Plated
Coil Base : Phenolic,PBT,UL 94V-0,Black
Terminal/Copper Alloy T=0.35mm Thickness

Meets or exceeds IEEE 802.3 standard for 10/100/1000 Base-TX
350uH minimum OCL with 8mA Bias current
Available with or without LEDs
Minimum 1500Vrms isolation per IEEE802.3 requirement
Operating temperature -40°C to +85°C
Storage temperature -40°C to +85°C

LED ELECTRICAL CHARACTERISTIC				
Green 11-12 LEFT LED		Yellow 13-14 RIGHT LED		

Standard LED	Wavelength	Forward V (Min/Max)	Forward A	Type
Green	568nm	1.8V/2.8V	20mA	squareness
Yellow	585nm	1.8V/2.8V	20mA	squareness

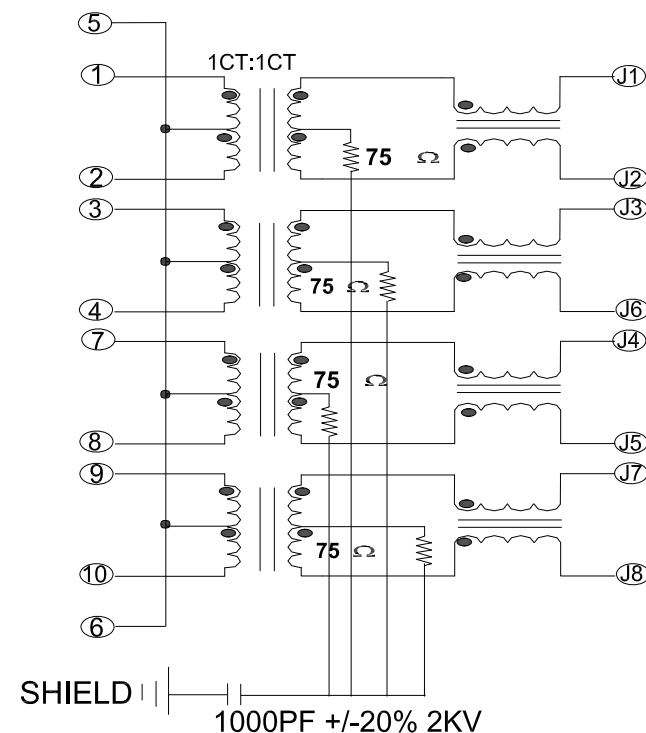
GENERAL TOLERANCE		KINGCONN 皇海科技股份有限公司	
X± 0.50	X*± 5 °	名 稱(TITLE) RJ45 Connector With Transformer 1000Base Tab-down 1x1 Port with LED	
.X± 0.30	.X*± 2 °		
.XX± 0.20	.XX*± 1 °		
單位(UNIT) mm	料 號(PART NO.) 7RJ45-F0-0091	圖 號(DWG NO.) 7RJ45-F0-0091	比例(SHEET) 1/1
審核(APPROVAL)	核 對(CHECKED)	製 圖(DRAWN)	更改 REV A



ELECTRICAL SPECIFICATIONS@25°C UNLESS OTHERWISE NOTED:

- 1.Turn Ratio(+/-2%):1CT:1CT
- 2.Inductance OCL:
350uH Min @100KHz 0.1V DC BIAS 8mA
- 3.Insertion Loss:
-1.0dB Max @1.0-100MHz
- 4.Return Loss:
-20dB Min @1-10MHz
-16dB Min @10-30MHz
-12dB Min @30-60MHz
-10dB Min @60-100MHz
- 5.Cross talk:
-40dB Min @1-30MHz
-35dB Min @30-60MHz
-30dB Min @60-100MHz
- 6.Common Mode Rejection:
-35dB Min @1-100MHz
-20dB Min @50-150MHz
- 7.HIPOT TEST:1500Vrms 1mA.Max

SCHEMATICS :



GENERAL TOLERANCE		KINGCONN 皇海科技股份有限公司	
X± 0.50	X*± 5 °	名 称(TITLE) RJ45 Connector With Transformer 1000Base Tab-down 1x1 Port with LED	图 号(DWG NO.) 7RJ45-F0-0091
.X± 0.30	.X*± 2 °		
.XX± 0.20	.XX*± 1 °		
单 位(UNIT) mm	料 号(PART NO.) 7RJ45-F0-0091	图 号(DWG NO.) 7RJ45-F0-0091	比例 SCALE 1:1
审 核(APPROVAL)	核 对(CHECKED)	製 图(DRAWN)	张 数 SHEET 2
			更 改 REV A

