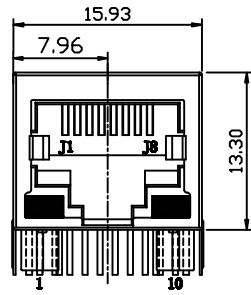
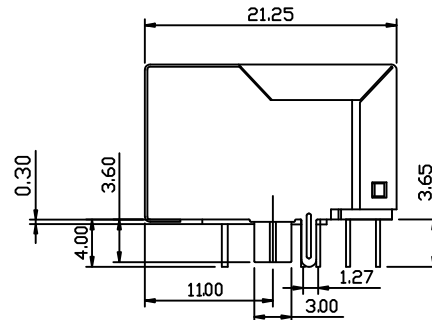


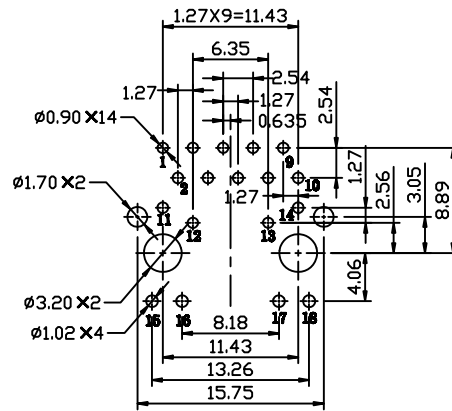
更改 REV	修改内容 MODIFICATION
A	ECXXXXX



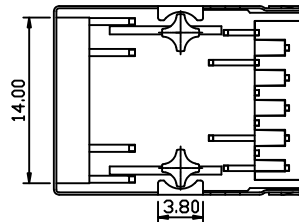
Front Side View



Left Side View



Suggested PCB Layout (Top View)



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 0°C to +70°C
Storage temperature -40°C to +85°C

LED ELECTRICAL CHARACTERISTIC				
	Green		Yellow	
	15	16	17	18
	LEFT LED		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 with PoE	圖 號(DWG NO.) 7RJ45-A0-1005
X± 0.30	X*± 2 °		
XX± 0.20	XX*± 1 °		
單 位(UNIT) mm	料 號(PART NO.) 7RJ45-A0-1005	圖 號(DWG NO.) 7RJ45-A0-1005	圖 號(DWG NO.) 7RJ45-A0-1005
審 核(APPROVAL)	核 對(CHECKED)	製 圖(DRAWN)	圖 號(DWG NO.) 7RJ45-A0-1005
SCALE 1:1	圖 號(DWG NO.) 7RJ45-A0-1005	圖 號(DWG NO.) 7RJ45-A0-1005	圖 號(DWG NO.) 7RJ45-A0-1005
PROJ.	圖 號(DWG NO.) 7RJ45-A0-1005	圖 號(DWG NO.) 7RJ45-A0-1005	圖 號(DWG NO.) 7RJ45-A0-1005

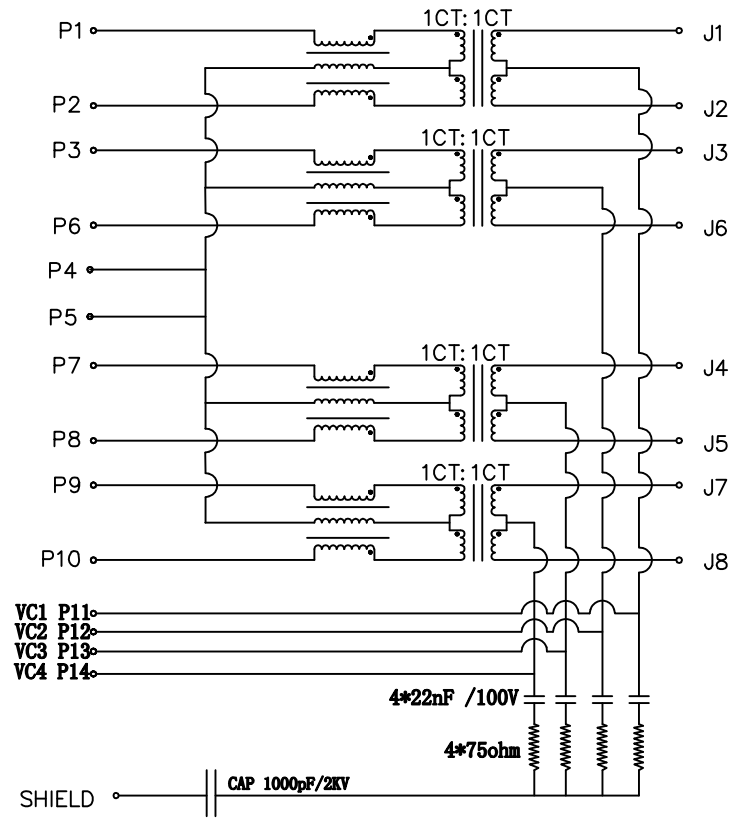


更改 REV	数量 MODIFICATION
A	ECXXXX

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 @1-30MHz
-16dB Min @30-60MHz
-12dB Min @60-80MHz
- 5.Cross talk:
-40dB Min @1-30MHz
-35dB Min @30-80MHz
- 6.Common Mode Rejection:
-35dB Min @1-100MHz
-20dB Min @50-150MHz
- 7.HIPOT TEST:1500Vrms 1mA.Max
- 8.DC CURRENT /
VOLTAGE RATING - PSE PINS: 600mA MAX
@54V DC (CONTINUOUS) 30W

SCHEMATICS:



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 with PoE	
.X,± 0.30	.X,*± 2 °		
.XX,± 0.20	.XX,*± 1 °		
單 位(UNIT)	料 號(PART NO.)	圖 號(DWG NO.)	
mm	7RJ45-A0-1005	7RJ45-A0-1005	
審 核(APPROVAL)	核 對(CHECKED)	製 圖(DRAWN)	
		SCALE 1:1	圖 數 SHEET 2 / 2
		PROJ. 1	更改 REV A

