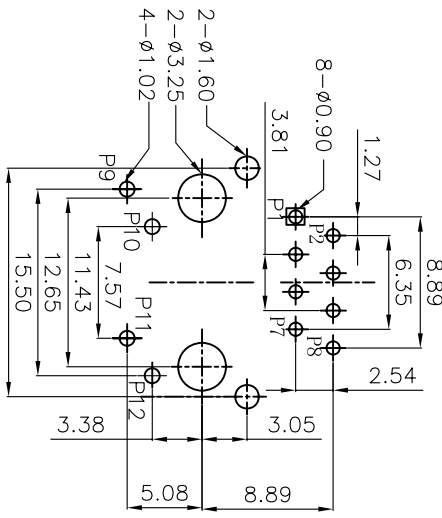
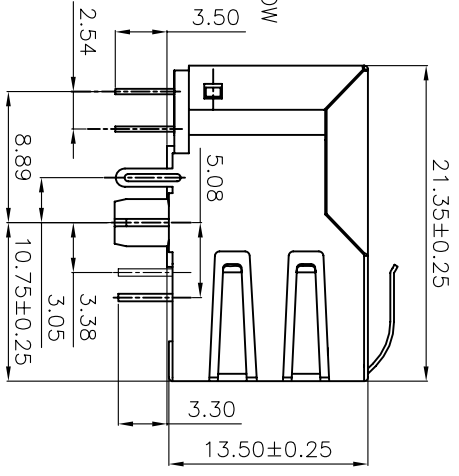
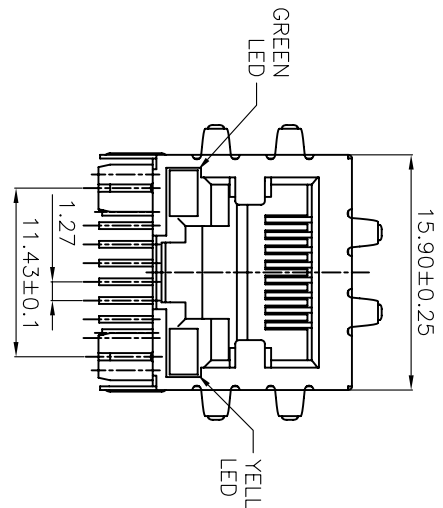
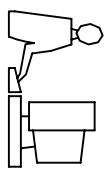


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P.C.B RECOMMENDED HOLE LAYOUT



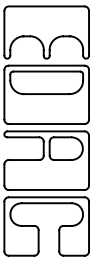
THIS SERIES FULLY CONFORMS TO THE
EUROPEAN UNION DIRECTIVES 2002/95/EC
AND 2002/96/EC FOR ROHS COMPLIANCY.

- NOTES:
- CONNECTOR MATERIAL:
HOUSING: THERMOPLASTIC, UL94V-0
CONTACT/SHIELD: COPPER ALLOY
SHIELD PLATING: NICKEL OR TIN
CONTACT PLATING: SELECTIVE GOLD PLATING IN CONTACT AREA

| GOLD PLATING | PART NUMBER |
|--------------|-----------------|
| GOLD FLASH | A40-108-263-131 |
| 15u" OF GOLD | A40-108-363-131 |
| 30u" OF GOLD | A40-108-663-131 |
| 50u" OF GOLD | A40-108-963-131 |

- WAVE SOLDERING AT 260 °C MAX, 10 SECS MAX
- OPERATING TEMPERATURE: T=0 °C TO +70°C
- STORAGE TEMPERATURE: T=-25°C TO T=+85°C
- ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE ±0.25MM

**SINGLE PORT, RJ45 MAGNETIC JACK, R/ANGLE
10/100BT, WITH LED, WITH TRANSFORMER**



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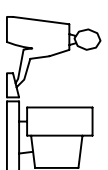
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| ACAD REFERENCE NO.: | A40-108-263-131 |
| DRAWN: R.STA. MONICA | DATE: APR.27/2011 |
| CHECKED: | DATE: |
| SCALE: NOT TO SCALE | SHEET 1 OF 2 |
| DRAWING NUMBER | ISSUE |
| A40-108-263-131 | 1 |

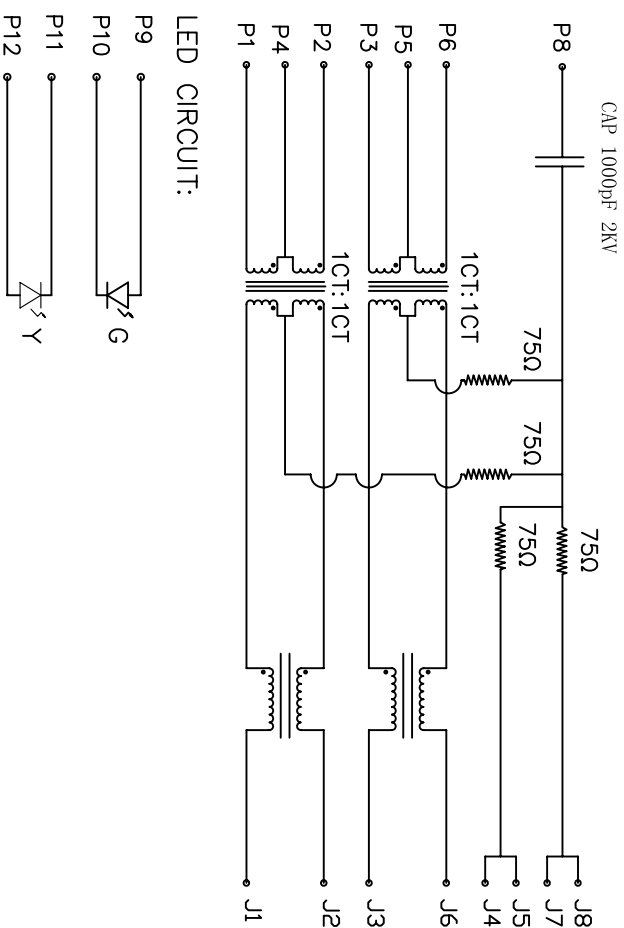
ELECTRICAL SPECIFICATIONS:

1. TURN RATIO: (P1~P2):(J1~J2) :1:1±3%
(P3~P6):(J3~J6) :1:1±3%
2. INDUCTANCE: (P1~P2) : 350uH MIN @ 0.1V, 100KHZ, 8mA DC BIAS
(P3~P6) : 350uH MIN @ 0.1V, 100KHZ, 8mA DC BIAS
3. LEAKAGE INDUCTANCE: (P1~P2): (WITH J1 AND J2 SHORT) :0.35uH MAX @ 1MHZ
(P3~P6): (WITH J3 AND J6 SHORT) :0.35uH MAX @ 1MHZ
4. INTERWINDING CAPACITANCE: (P1~P2):(J1~J2) :35pF MAX @ 1MHZ
(P3~P6):(J3~J6) :35pF MAX @ 1MHZ
5. DC RESISTANCE:(J1~J2):(J3~J6) :1.2 OHMS MAX
6. RETURN LOSS: 1MHZ TO 30MHZ :-18dB MIN
30MHZ TO 60MHZ :(-18-20Log(f/30))dB MIN
60MHZ TO 80MHZ :-12dB MIN
(WHERE f IS IN MHZ)
7. DIELECTRIC WITHSTAND: (P1~P2):(J1~J2) :1500VAC OR 2250VDC
(P3~P6):(J3~J6) :1500VAC OR 2250VDC
8. INSERTION LOSS: 100KHZ TO 100MHZ :-1.2dB MAX
9. CROSS TALK: 1MHZ TO 100MHZ :-35dB TYP
10. COMMON TO COMMON MODE ATTENUATION: 30MHZ TO 100MHZ :-30dB TYP

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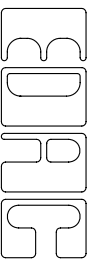


ELECTRICAL CIRCUIT:



| LED SPECIFICATION | | | |
|-------------------|-------------|----------------|--------|
| COLOR | WAVE LENGTH | Forward V(max) | Vf TYP |
| GREEN | 565nm | 2.4V AT 20mA | 2.2V |
| YELLOW | 590nm | 2.5V AT 20mA | 2.1V |

**SINGLE PORT, RJ45 MAGNETIC JACK, R/ANGLE
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| A40-108-263-131 | 1 |