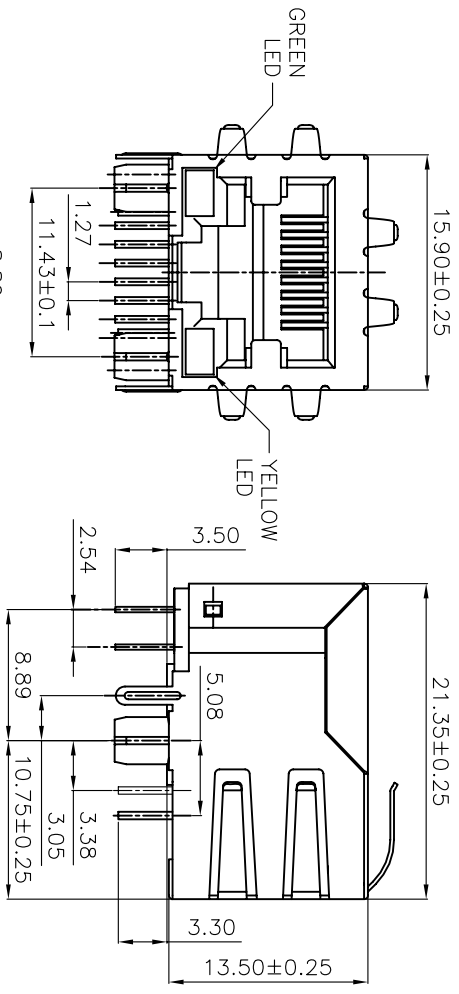


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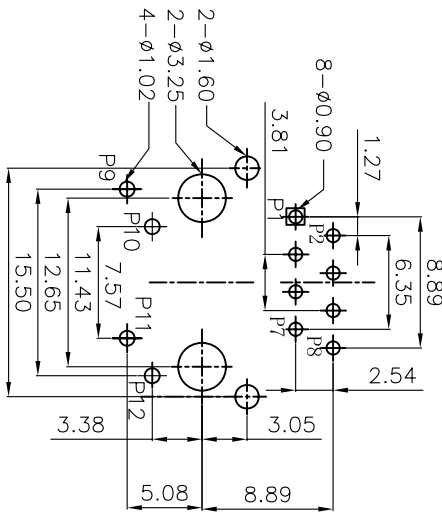


NOTES:

1. 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	
GOLD FLASH	PART NUMBER
15u" OF GOLD	A40-108-263-131
30u" OF GOLD	A40-108-363-131
50u" OF GOLD	A40-108-663-131
	A40-108-963-131

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



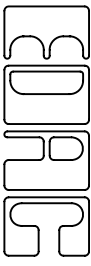
P.C.B RECOMMENDED HOLE LAYOUT



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

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

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



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TORONTO, ONTARIO
CANADA
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ELECTRICAL SPECIFICATIONS:

1. TURN RATIO:

(P1~P2):(J1~J2)
(P3~P6):(J3~J6)

:1:1±3%
:1:1±3%
2. INDUCTANCE:

(P1~P2)
(P3~P6)

: 350uH MIN @ 0.1V, 100KHZ, 8mA DC BIAS
: 350uH MIN @ 0.1V, 100KHZ, 8mA DC BIAS
3. LEAKAGE INDUCTANCE:

(P1~P2): (WITH J1 AND J2 SHORT)
(P3~P6): (WITH J3 AND J6 SHORT)

:0.35uH MAX @ 1MHZ
:0.35uH MAX @ 1MHZ
4. INTERWINDING CAPACITANCE:

(P1~P2):(J1~J2)
(P3~P6):(J3~J6)

:35pF MAX @ 1MHZ
:35pF MAX @ 1MHZ
5. DC RESISTANCE:(J1~J2):(J3~J6)

:1.2 OHMS MAX
6. RETURN LOSS:

1MHZ TO 30MHZ
30MHZ TO 60MHZ
60MHZ TO 80MHZ

: -18dB MIN
:-(18-20Log(f/30))dB MIN
(WHERE f IS IN MHZ)
: -12dB MIN
7. DIELECTRIC WITHSTAND:

(P1~P2):(J1~J2)
(P3~P6):(J3~J6)

:1500VAC OR 2250VDC
:1500VAC OR 2250VDC
8. INSERTION LOSS:

100KHZ TO 100MHZ

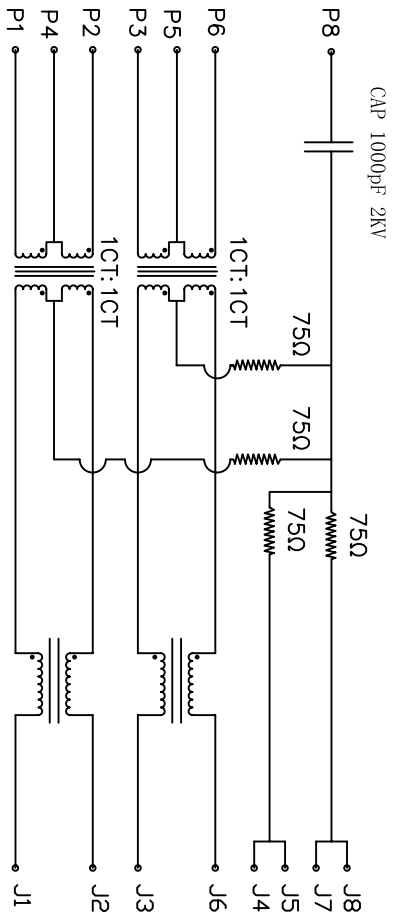
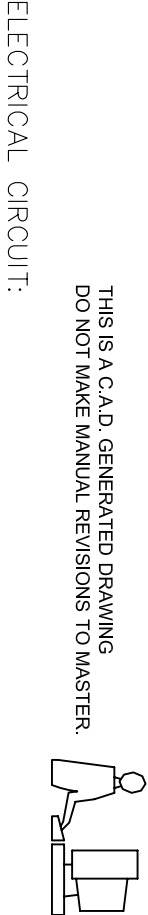
: -1.2dB MAX
9. CROSS TALK:

1MHZ TO 100MHZ

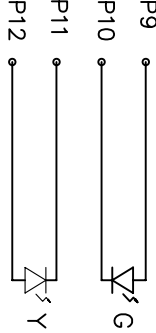
: -35dB TYP
10. COMMON MODE ATTENUATION:

30MHZ TO 100MHZ

: -30dB TYP

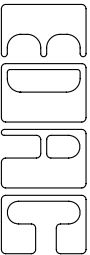


LED CIRCUIT:



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

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SHEET 2 OF 2

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