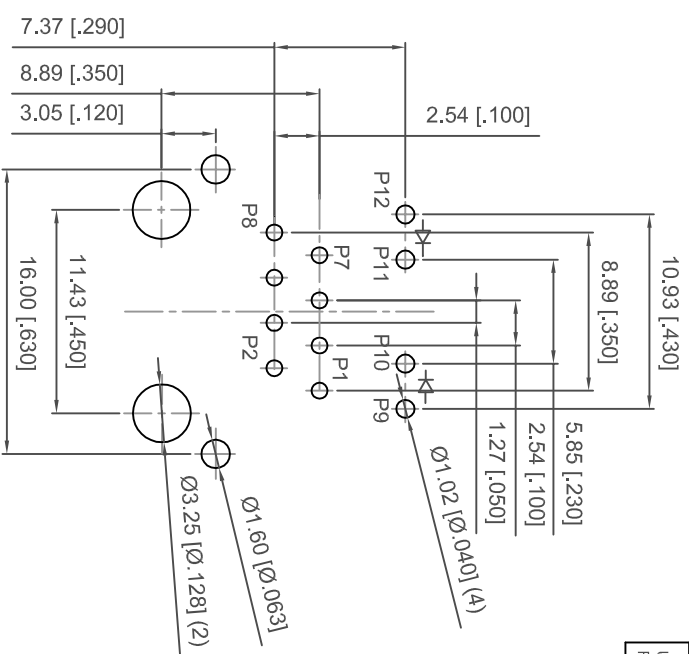
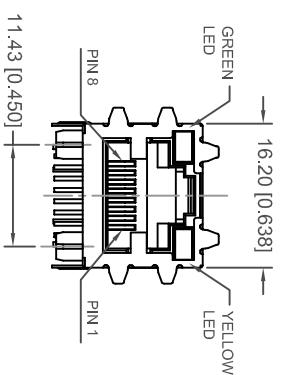
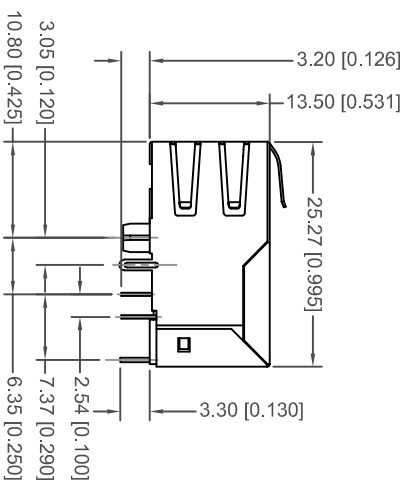
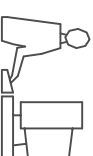


ISSUE NUMBER	①
ORIGINAL	②
UPDATE DRAWING	③
R.STA.MONICA	SEPT.23/2011
UPDATE OPERATING TEMP	④
R.STA.MONICA	MAR.24/2015



TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM:		
	ANGLE	X°
0.0	± 0.38	
0.00	± 0.25	
0.000	± 0.10	

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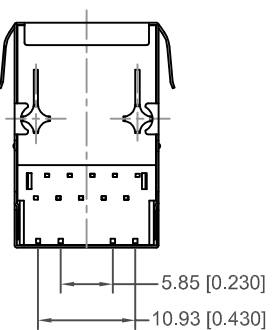
NOTES:

1. MATERIALS:

HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL 94V-0, COLOR: BLACK

SHIELD: 0.20MM COPPER ALLOY WITH NICKEL PLATING

CONTACTS: COPPER ALLOY PLATED WITH GOLD PLATING AND TIN IN SOLDER AREA



PART NO

GOLD PLATING THICKNESS

A63-112-231N435

GOLD FLASH PLATING

A63-113-231N435

15 MICRO INCHES OF GOLD

A63-114-231N435

30 MICRO INCHES OF GOLD

2. OPERATING TEMPERATURE: -40°C TO +85°C

3. STORAGE TEMPERATURE: -40°C TO +85°C

4. MATE WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.

5. RECOMMENDED TEMPERATURE FOR WAVE SOLDERING IS 260°C MAX, 10 SEC MAX

6. DIMENSION: MM [INCHES]

RJ45 MAGNETIC JACK WITH LED, 8P, 8C
SHIELDED, 10/100 Mbps FILTER

ACAD REFERENCE NO.: A63-113-231N435

DRAWN: R.STA.MONICA	DATE: NOV.19/2010
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CHECKED: _____ DATE: _____

PART NUMBER

SEE NOTE

SHEET 1 OF 2

DRAWING NUMBER

ISSUE

A63-112-231N435

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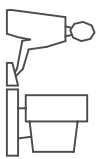
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TORONTO, ONTARIO
CANADA

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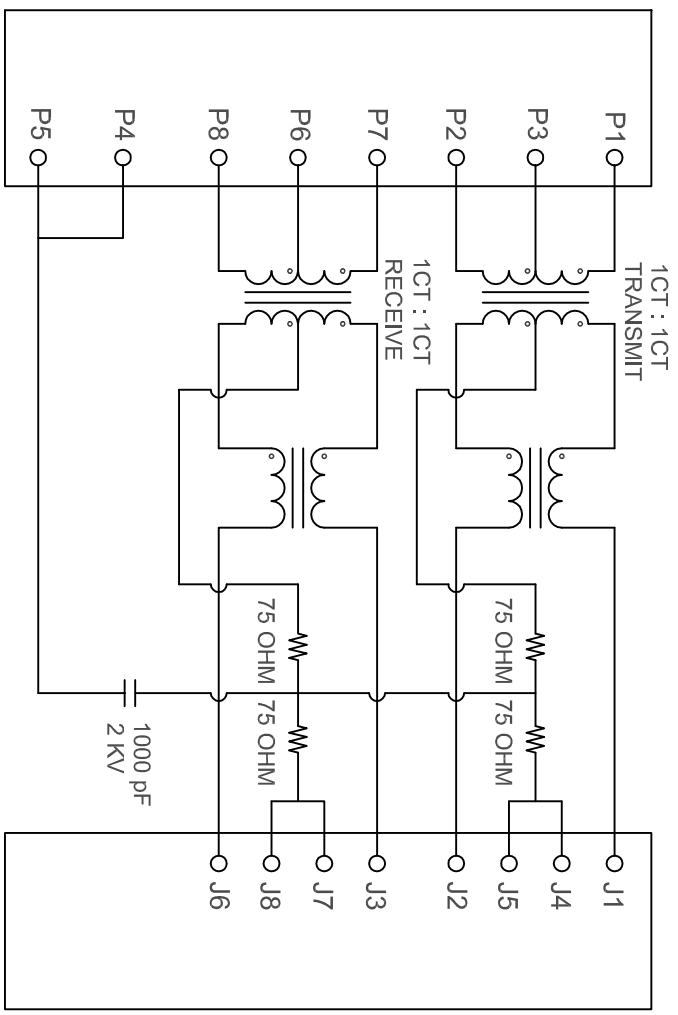
ELECTRICAL CIRCUIT:

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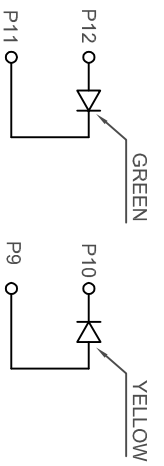


CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE



LED CIRCUIT:



LED SPECIFICATIONS (WITH FORWARD CURRENT OF 20 mA)			
STANDARD LED	WAVELENGTH	FORWARD V (MAX)	TYP
GREEN	565 nm	2.4 V	2.2 V
YELLOW	590 nm	2.5 V	2.1 V

TEST NOTES:(25±5°C)

- 1.TURN RATIO:(100KHZ,0.1V);
PINS:(P1-P2):(J1-J2)=1:1±5%
PINS:(P7-P8):(J3-J6)=1:1±5%
2.LX:(100KHZ,100mV,8mA, DC Bias)
PINS:(P1,P2),(P7,P8)=350uH MINIMUM
- 3.DCR: PINS:(J1-J2),(J3-J6)= 1.2 OHMS MAXIMUM
- 4.ISOLATION: PHY SIDE TO LINE SIDE:
1500VAC OR 2250VDC
- 5.INSERTION LOSS:
-1.2dB MAXIMUM AT 1MHZ TO 100MHZ
- 6.RETURN LOSS:
-16dB MINIMUM AT 1MHZ TO 30MHZ;
-12dB MINIMUM AT 30MHZ TO 60MHZ
-10dB MINIMUM AT 60MHZ TO 80MHZ
- 7.CROSS TALK:
-30dB MIN AT 1MHZ TO 100MHZ
- 8.COMMON TO COMMON MODE ATTENUATION:
-30dB MIN AT 1MHZ TO 100MHZ



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RJ45 MAGNETIC JACK WITH LED, 8P, 8C
SHIELDED, 10/100 Mbps FILTER



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ACAD REFERENCE NO.: A63-113-231N435	
DRAWN: R.STA.MONICA	DATE: NOV.19/2010
CHECKED:	DATE:
PART NUMBER	
SEE NOTE	SHEET 2 OF 2
DRAWING NUMBER	ISSUE
A63-112-231N435	3