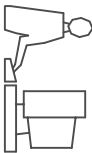
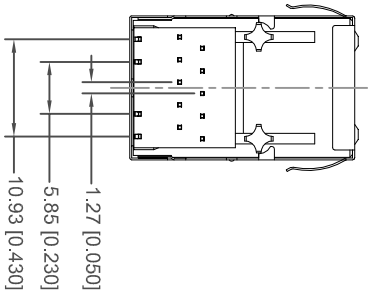
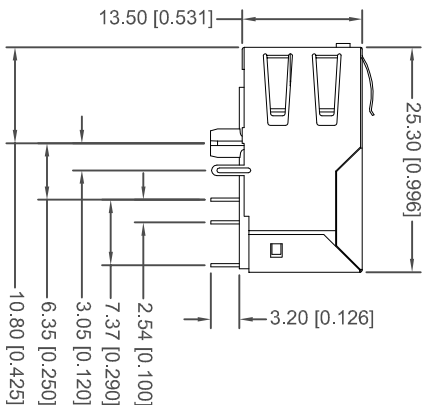
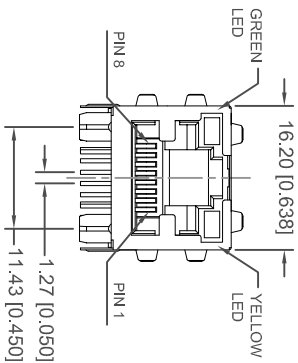


TOLERANCE UNLESS OTHERWISE
SPECIFIED IN MM:
0.0 ± 0.38
0.00 ± 0.25
0.000 ± 0.10

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ISSUE NUMBER	
1	ORIGINAL
2	UPDATE DRAWING R.STA.MONICA OCT 14/2011

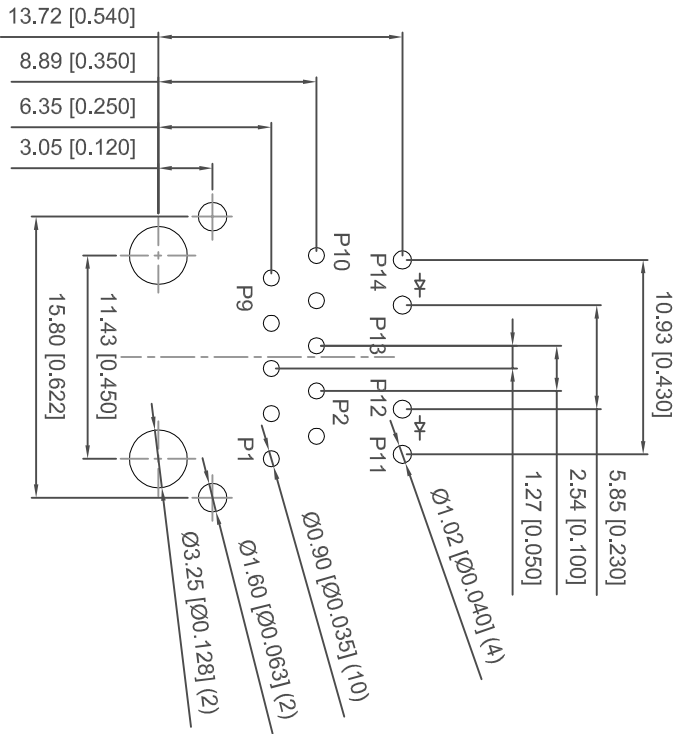


NOTES:

1. MATERIALS:
HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL 94V-0, COLOR: BLACK
SHIELD: COPPER ALLOY WITH NICKEL PLATING
CONTACTS: COPPER ALLOY PLATED WITH GOLD PLATING AND TIN IN SOLDER AREA

PART NO	GOLD PLATING THICKNESS
A60-112-231N432	GOLD FLASH PLATING
A60-113-231N432	15 MICRO INCHES OF GOLD
A60-114-231N432	30 MICRO INCHES OF GOLD

2. OPERATING TEMPERATURE: 0°C TO +70°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]



RECOMMENDED P.C.B. LAYOUT
TOLERANCE: ±0.08[±0.003]

RJ45 MAGNETIC JACK WITH LED, 10P, 8C
SHIELDED, 10/100/1000 Mbps FILTER



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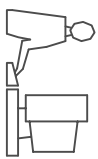
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ACAD REFERENCE NO.: A60-112-231N432	
DRAWN: R.STA.MONICA	DATE: JAN.24/2011
CHECKED:	DATE:
PART NUMBER	SHEET 1 OF 2
DRAWING NUMBER	ISSUE
A60-112-231N432	2

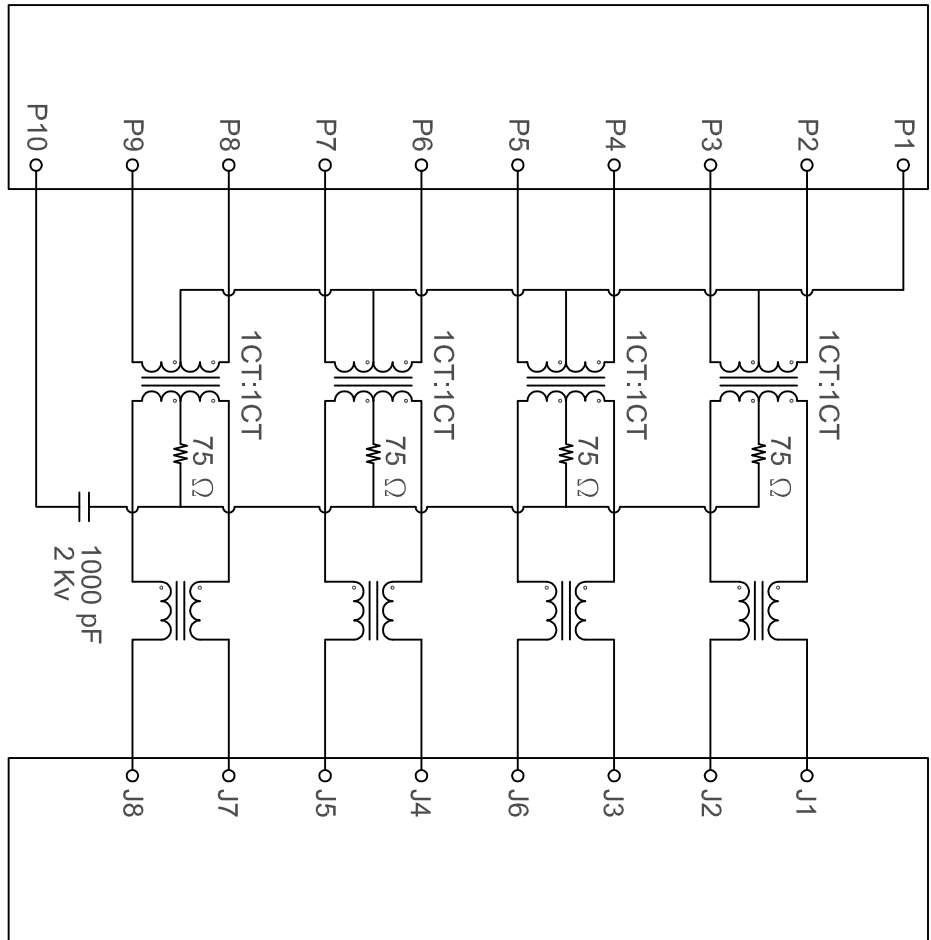
ELECTRICAL CIRCUIT:

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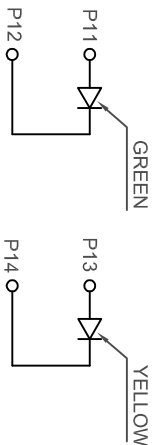


CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE



LED CIRCUIT:



TEST NOTES:(25° ±5°C)

- 1. TR:(100KHz,0.1V): 100%
PINS:(P2,P3):(J1,J2)=1:1±5%:(P4,P5):(J3,J6)=1:1±5%
PINS:(P6,P7):(J4,J5)=1:1±5%:(P8,P9):(J7,J8)=1:1±5%
- 2. LX:(100KHz,100mV,8mA, DC Bias) 100%
PINS:(P2,P3),(P4,P5),(P6,P7),(P8,P9)=350uH MINIMUM
- 3. DC RESISTANCE: 1.2 OHMS MAXIMUM
- 4. INSERTION LOSS:
-1.0 dB MINIMUM AT 1MHz TO 100MHz;
-1.2 dB MINIMUM AT 100MHz TO 125MHz;
- 5. RETURN LOSS:
-16dB MAXIMUM AT 1MHz TO 40MHz;
-12dB MAXIMUM AT 30MHz TO 60MHz
-10dB MAXIMUM AT 60MHz TO 80MHz
-8dB MAXIMUM AT 80MHz TO 100MHz
- 6. CROSS TALK:
-30dB MINIMUM AT 1MHz TO 100MHz
- 7. COMMON TO COMMON MODE REJECTION:
-30dB MINIMUM AT 1MHz TO 100MHz
- 8. ISOLATION PHY SIDE TO LINE SIDE: 2250 VDC

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

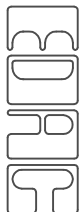
RJ45 MAGNETIC JACK WITH LED, 10P, 8C
SHIELDED, 10/100/1000 Mbps FILTER

ACAD REFERENCE NO.: A60-112-231N432	
DRAWN: R.STA.MONICA	DATE: JAN.24/2011
CHECKED:	DATE:
PART NUMBER	

SEE NOTE		SHEET 2 OF 2
DRAWING NUMBER	A60-112-231N432	ISSUE
		2



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