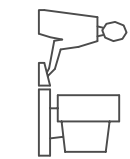
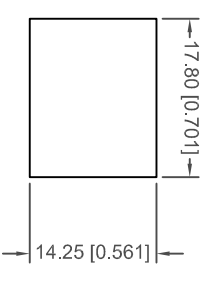
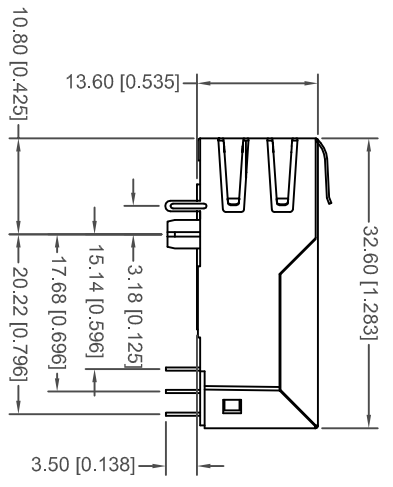
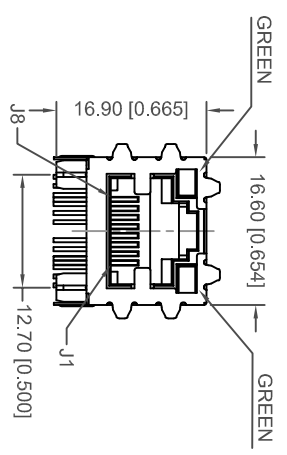


TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM:	ANGLE	X°
0		
0.00	± 0.38	
0.00	± 0.25	
0.00	± 0.10	

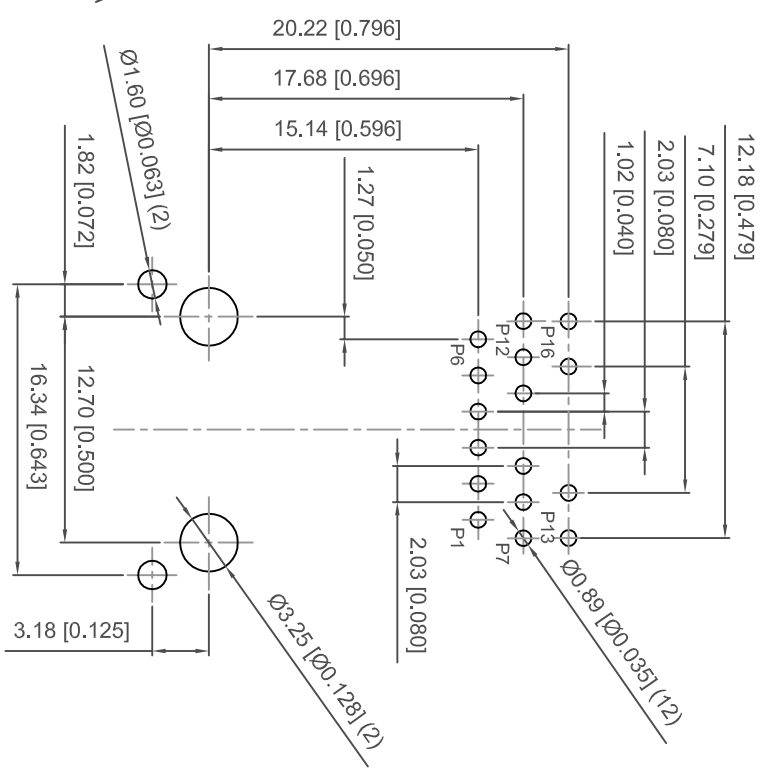
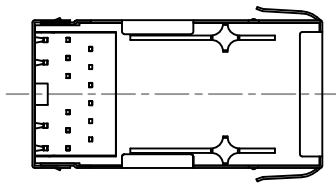
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ISSUE NUMBER	1
ORIGINAL	



RECOMMENDED PANEL OPENING



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

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

PART NO	GOLD PLATING THICKNESS
A60-112-233P471	GOLD FLASH PLATING
A60-113-233P471	15 MICRO INCHES OF GOLD
A60-114-233P471	30 MICRO INCHES OF GOLD
A60-115-233P471	50 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]

## RJ45 MAGNETIC JACK WITH LED, 12P, 8C SHIELDED, 10/100/1000 Mbps- FILTER

ACAD REFERENCE NO.: A60-112-233P471

DRAWN: R.STA.MONICA DATE: MAR.23/2012

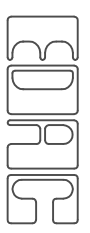
CHECKED: DATE:

PART NUMBER SEE NOTE SHEET 1 OF 2

DRAWING NUMBER A60-112-233P471 ISSUE 1



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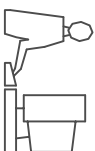
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TORONTO, ONTARIO  
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**ELECTRICAL CIRCUIT:**

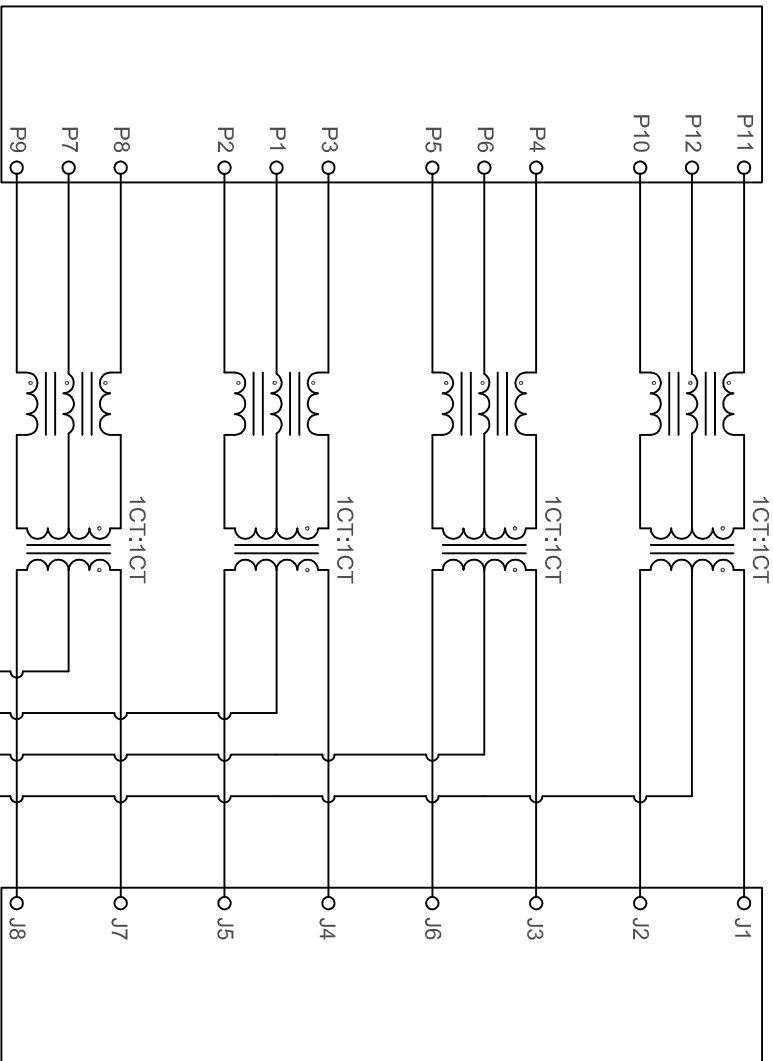
TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM:		ANGLE	X°
0	± 0.38		
0.0	± 0.25		
0.00	± 0.10		

THIS IS A C.A.D. GENERATED DRAWING  
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CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE



TEST NOTES:(25°±5°C)

- TR:(100KHz,0.1V): 100%  
PINS:(P8,P9):(J7,J8)=1:1±3%;(P3,P2):(J4,J5)=1:1±5%  
PINS:(P4,P5):(J3,J6)=1:1±5%;(P1,P10):(J1,J2)=1:1±5%
- LX:(100KHz,100mV,8mA, DC Bias) 100%  
PINS:(P8,P9),(P3,P2),(P4,P5),(P1,P10)=350uH MINIMUM
- DC RESISTANCE: 1.2 OHMS MAXIMUM
- INSERTION LOSS:  
-1.0 dB MINIMUM AT 1MHZ TO 100MHZ;  
-1.2 dB MINIMUM AT 100MHZ TO 125MHZ;
- RETURN LOSS:  
-16dB MAXIMUM AT 1MHZ TO 40MHZ;  
-12dB MAXIMUM AT 40MHZ TO 60MHZ  
-10dB MAXIMUM AT 60MHZ TO 80MHZ  
-8dB MAXIMUM AT 80MHZ TO 100MHZ
- CROSS TALK:  
-30dB MINIMUM AT 1MHZ TO 100MHZ
- COMMON TO COMMON MODE ATTENUATION:  
-30dB MINIMUM AT 1MHZ TO 100MHZ
- 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

**RJ45 MAGNETIC JACK WITH LED, 12P, 8C  
SHIELDED, 10/100/1000 Mbps- FILTER**

ACAD REFERENCE NO.: A60-112-233P471  
DRAWN: R.STA.MONICA DATE: MAR.23/2012  
CHECKED: DATE:

PART NUMBER

SEE NOTE

SHEET 2 OF 2

DRAWING NUMBER

A60-112-233P471

ISSUE

1



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