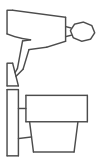
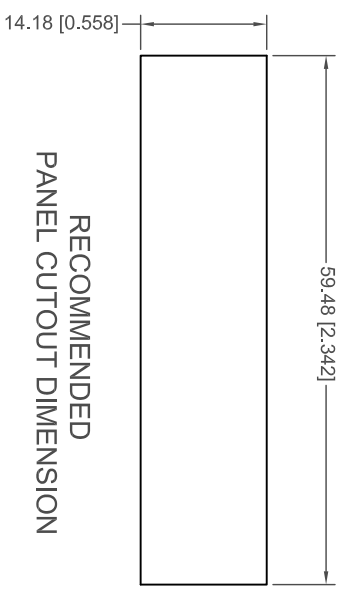
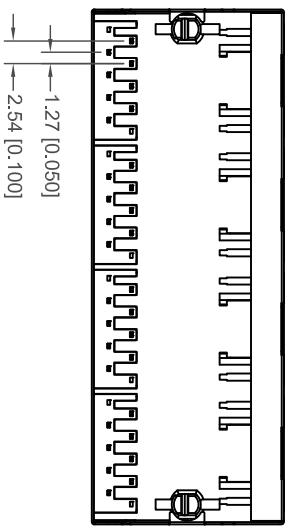
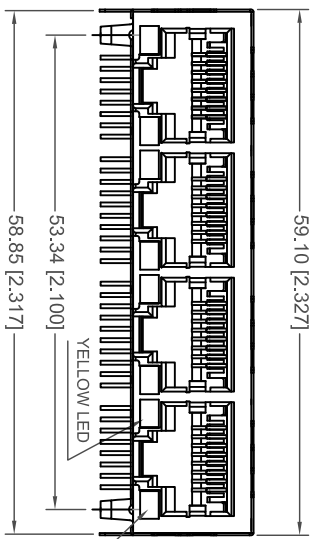
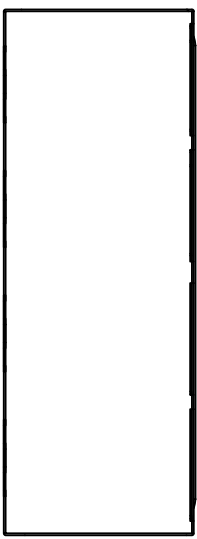


TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM:	ANGLE
0	3°
±0.50	
±0.38	
0.00	
±0.25	
0.000	
±0.10	

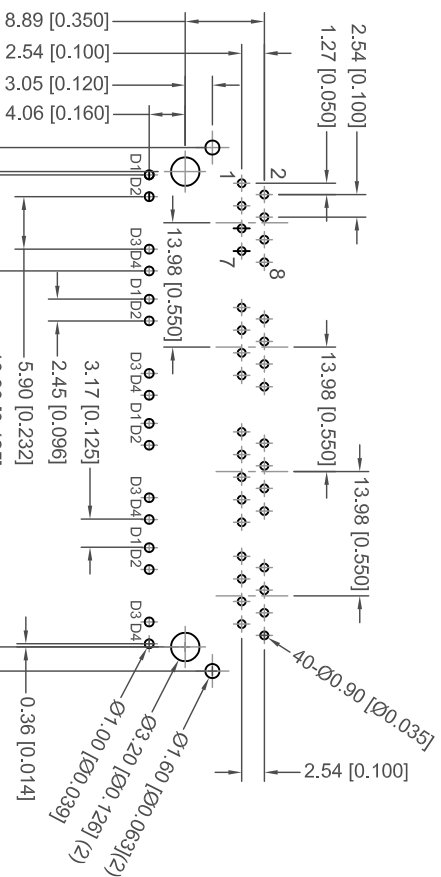
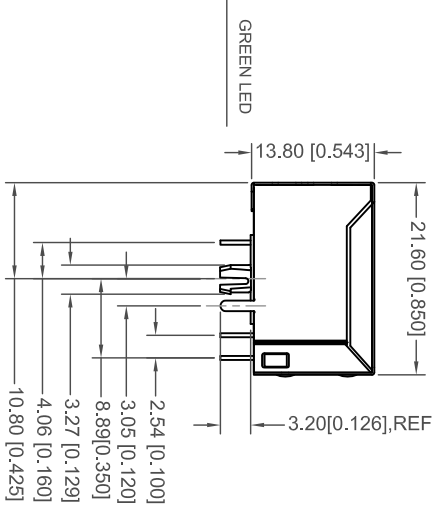
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**RECOMMENDED
PANEL CUTOUT DIMENSION**



**RECOMMENDED P.C.B. LAYOUT
TOLERANCE: ±0.05[±0.002]**

- NOTES:**
1. MATERIALS:
HOUSING: PBT WITH GLASS FIBER, UL94 V-0, COLOR: BLACK
CONTACTS: 0.30MM PHOSPHOR BRONZE PLATED WITH GOLD PLATING AND TIN IN SOLDER AREA
OVER 50u" NICKEL PLATING ALL OVER

PART NO	GOLD PLATING THICKNESS
A63-142-313P161	GOLD FLASH PLATING
A63-143-313P161	15 MICRO INCHES OF GOLD
A63-144-313P161	30 MICRO INCHES OF GOLD

2. SHIELD: 0.25MM COPPER ALLOY WITH NICKEL PLATING
3. OPERATING TEMPERATURE: 0°C TO +70°C
4. MATE WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.
5. DIMENSION: MM [INCHES]

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

ACAD REFERENCE NO.: A63-143-313P161

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

CHECKED: DATE:

PART NUMBER SHEET 1 OF 2

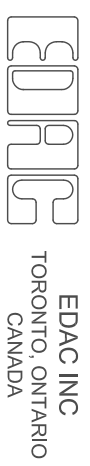
SEE NOTE

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AND 2002/96/EC FOR ROHS COMPLIANCY.

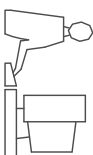


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ELECTRICAL CIRCUIT:

TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM:	ANGLE	3°
0		
±0.50		
±0.38		
0.00		
±0.25		
±0.10		

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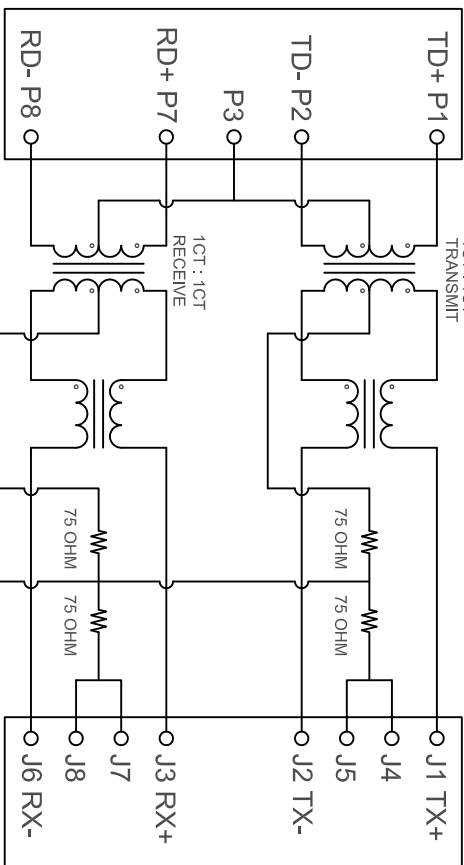


ISSUE NUMBER
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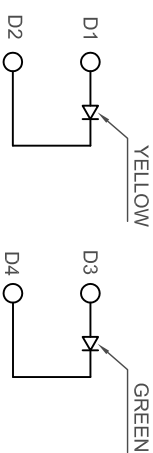
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CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE



LED CIRCUIT:



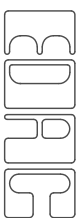
Color	Lens Color	V _f (V) @20mA	I _v (mcd) @10mA	Min	Max	Typ	Viewing angle
							2θ 1/2
Yellow	Yellow Diffused	1.7	3.0	1.7	2.8	6.0	116
Green	Green Diffused	1.7	3.5	1.7	2.8	6.0	116

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

- TEST NOTES:(25±5°C)
- 1.TR:(100KHz,0.1V):
PINS:(P1-P2):(J1-J2)=1:1±3%
PINS:(P7-P8):(J3-J6)=1:1±3%
 - 2.LX:(100KHz,100mV,8mA, DC Bias)
PINS: (P1,P2),(P7,P8)=350ΩH MINIMUM
 - 3.DCR:
PINS:(J1-J2),(J3-J6)= 1.2 OHMS MAXIMUM
 - 4.HPOT:
PINS(P1,P3,P2)TO(J1,J2)=1500VAC FOR 2 SECONDS
PINS(P7,P3,P8)TO(J3,J6)=1500VAC FOR 2 SECONDS
 - 5.INSERTION LOSS:
-1.0dB MAXIMUM AT 1MHZ TO 100MHZ;
 - 6.RETURN LOSS:
-20DB MINIMUM AT 1MHZ TO 30MHZ;
-15DB MINIMUM AT 30MHZ TO 60MHZ
-10DB MINIMUM AT 60MHZ TO 80MHZ
 - 7.CROSS TALK:
-30DB MINIMUM AT 1MHZ TO 100MHZ
 - 8.COMMON TO COMMON MODE REJECTION:
-30DB MINIMUM AT 1MHZ TO 100MHZ



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TORONTO, ONTARIO
CANADA

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