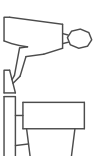
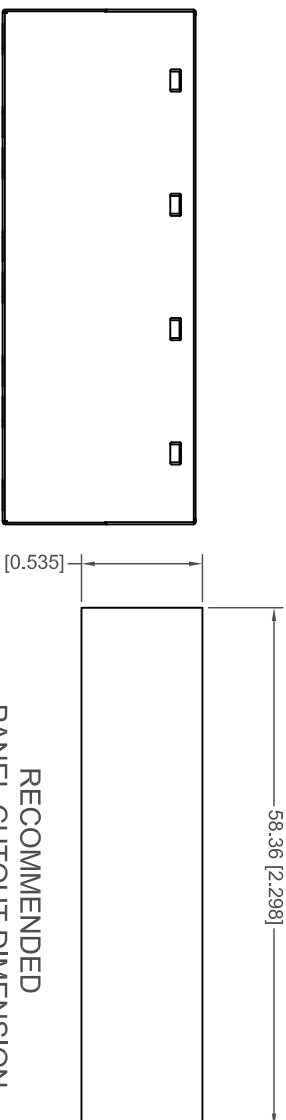


TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM:			
			ANGLE
0	± 0.50		3°
0.0	± 0.38		
0.00	± 0.25		
0.000	± 0.10		

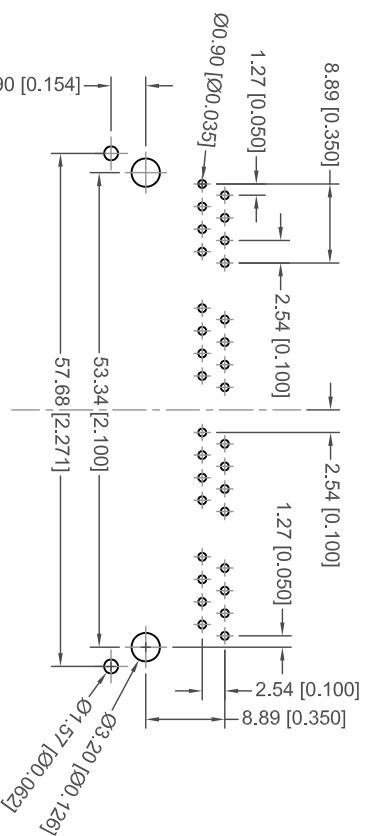
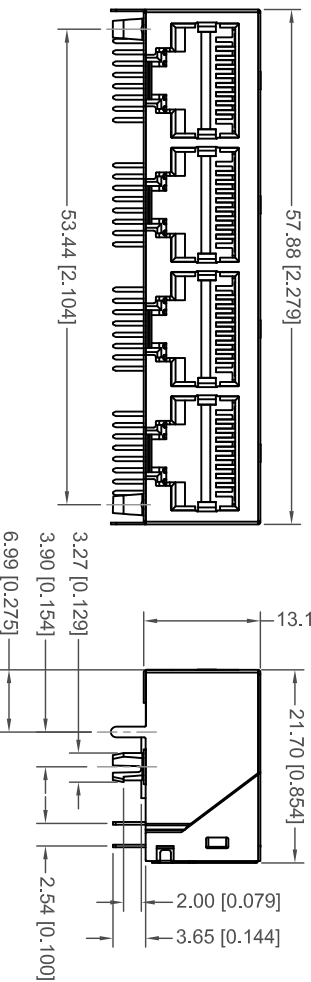
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DO NOT MAKE MANUAL REVISIONS TO MASTER.



ISSUE NUMBER	
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RECOMMENDED PANEL CUTOUT DIMENSION

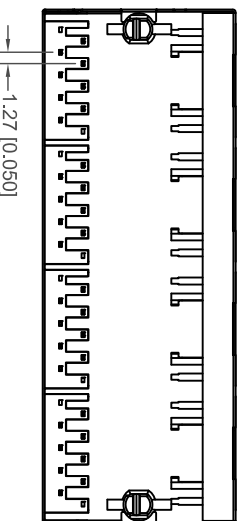


RECOMMENDED P.C.B. LAYOUT TOLERANCE: ±0.05[±0.002]

- NOTES:
1. MATERIALS:
 - HOUSING: NYLON PA46 WITH GLASS FIBER, UL94 V-0, COLOR: BLACK
 - CONTACTS: 0.35MM PHOSPHOR BRONZE PLATED WITH GOLD PLATING AND TIN IN SOLDER AREA
 - OVER 50u" NICKEL PLATING ALL OVER

PART NO	GOLD PLATING THICKNESS
A63-142-300N161	GOLD FLASH PLATING
A63-143-300N161	15 MICRO INCHES OF GOLD
A63-144-300N161	30 MICRO INCHES OF GOLD

1. SHIELD: 0.20MM COPPER ALLOY WITH NICKEL PLATING
2. OPERATING TEMPERATURE: 0°C TO +70°C
3. MATE WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.
4. DIMENSION: MM [INCHES]



4 PORT, RJ45 MAGNETIC JACK WITHOUT LED, 8P8C SHIELDED/10/100 Mbps FILTER

ACAD REFERENCE NO.: A63-143-300N161

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

CHECKED: DATE:

PART NUMBER

SEE NOTE

DRAWING NUMBER

A63-142-300N161

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AND 2002/96/EC FOR RoHS COMPLIANCY.



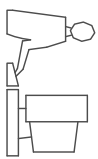
EDAC INC
TORONTO, ONTARIO
CANADA

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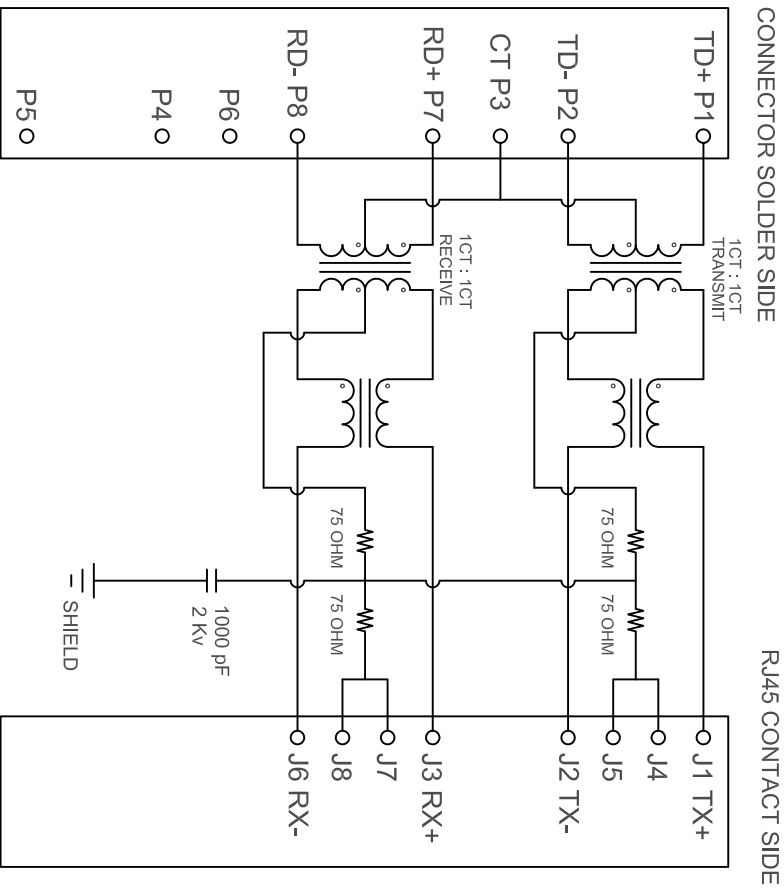
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ELECTRICAL CIRCUIT:

TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM:			
0	± 0.50	ANGLE	3°
0.0	± 0.38		
0.00	± 0.25		
0.000	± 0.10		



ISSUE NUMBER
ORIGINAL
①



CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE

- 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)=350uH MINIMUM
 - 3.DCR:
PINS:(J1-J2),(J3-J6)= 1.2 OHMS MAXIMUM
 - 4.HIPOT:
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

4 PORT, RJ45 MAGNETIC JACK WITHOUT LED, 8P8C
SHIELDED/10/100 Mbps FILTER

ACAD REFERENCE NO.: A63-143-300N161	
DRAWN: R.STA.MONICA	DATE: NOV.19/2010
CHECKED:	DATE:



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