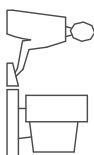
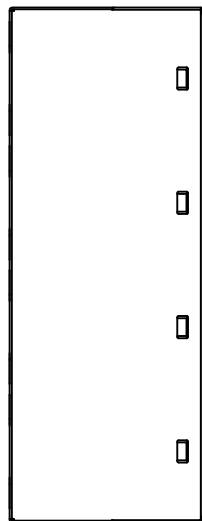


TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM:	ANGLE	3°
0	± 0.50	
0.0	± 0.38	
0.00	± 0.25	
0.000	± 0.10	

THIS IS A C.A.D. GENERATED DRAWING
DO NOT MAKE MANUAL REVISIONS TO MASTER.



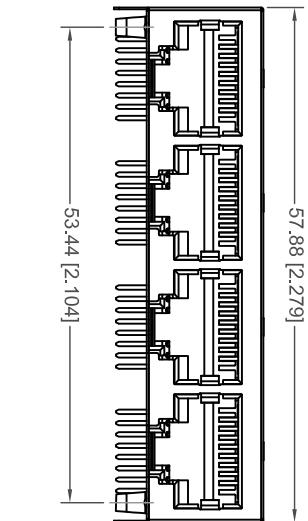
ISSUE NUMBER
ORIGINAL
①



58.36 [2.298]

RECOMMENDED
PANEL CUTOUT DIMENSION

13.60 [0.535]

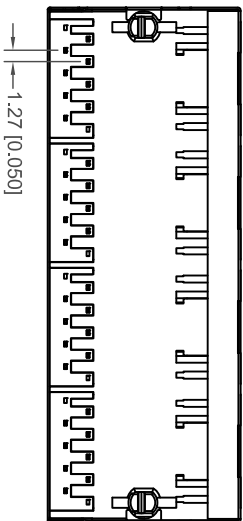
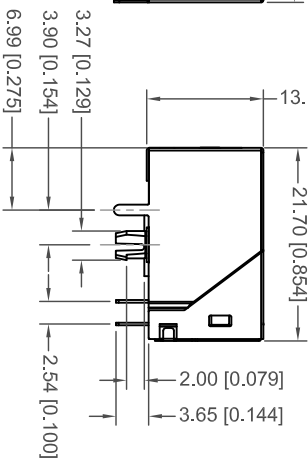


57.88 [2.279]

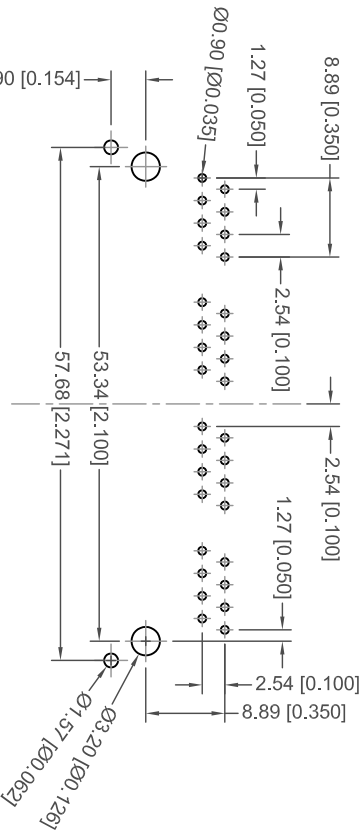
53.44 [2.104]

13.10 [0.516]

21.70 [0.854]



1.27 [0.050]



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

- 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

SHEET 1 OF 2

DRAWING NUMBER

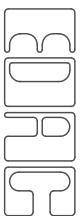
A63-142-300N161

ISSUE

1



THIS SERIES FULLY CONFORMS TO THE
EUROPEAN UNION DIRECTIVES 2002/95/EC
AND 2002/96/EC FOR ROHS COMPLIANCY.



EDAC INC
TORONTO, ONTARIO
CANADA

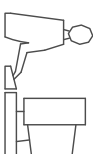
YOUR CONNECTION TO QUALITY & SERVICE

THESE DRAWINGS AND SPECIFICATIONS
ARE THE PROPERTY OF EDAC INC. AND
SHALL NOT BE REPRODUCED OR COPIED
OR USED AS THE BASIS FOR THE
MANUFACTURE OR SALE OF APPARATUS
WITHOUT WRITTEN PERMISSION.

ELECTRICAL CIRCUIT:

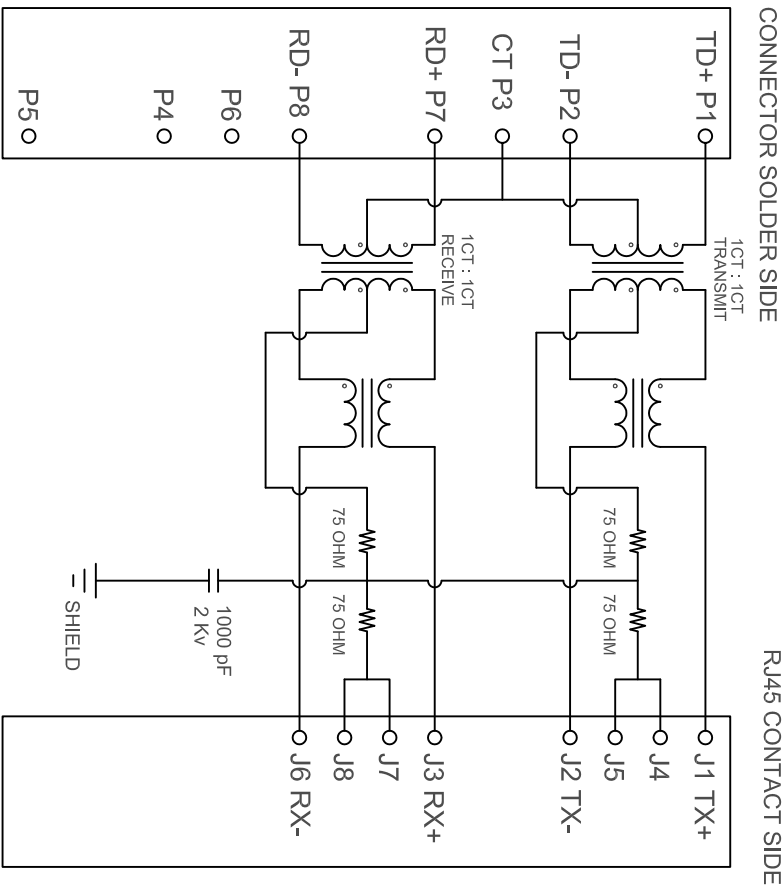
TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM:	ANGLE
0	3°
± 0.50	
± 0.38	
0.00	
± 0.25	
0.000	
± 0.10	

THIS IS A C.A.D. GENERATED DRAWING
DO NOT MAKE MANUAL REVISIONS TO MASTER.



ISSUE NUMBER
ORIGINAL

1



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:

PART NUMBER

SEE NOTE

SHEET 2 OF 2

DRAWING NUMBER

A63-142-300N161

ISSUE

1



THIS SERIES FULLY CONFORMS TO THE
EUROPEAN UNION DIRECTIVES 2002/95/EC
AND 2002/96/EC FOR RoHS COMPLIANCY.



EDAC INC
TORONTO, ONTARIO
CANADA

YOUR CONNECTION TO QUALITY & SERVICE

THESE DRAWINGS AND SPECIFICATIONS
ARE THE PROPERTY OF EDAC INC. AND
SHALL NOT BE REPRODUCED OR COPIED
OR USED AS THE BASIS FOR THE
MANUFACTURE OR SALE OF APPARATUS
WITHOUT WRITTEN PERMISSION.