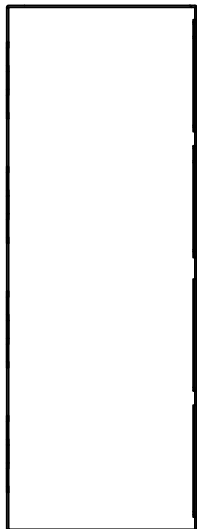
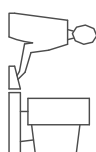


TOLERANCE UNLESS OTHERWISE
SPECIFIED IN MM:
0 ± 0.50
0.0 ± 0.38
0.00 ± 0.25
0.000 ± 0.10

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

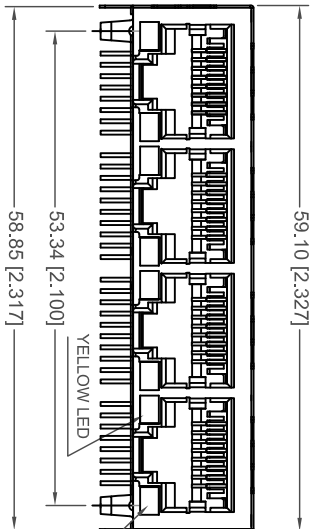
ISSUE NUMBER
ORIGINAL ①



59.48 [2.342]

14.18 [0.558]

RECOMMENDED PANEL CUTOUT DIMENSION

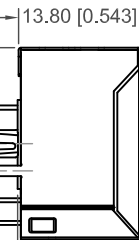


59.10 [2.327]

53.34 [2.100]
58.85 [2.317]

YELLOW LED

GREEN LED

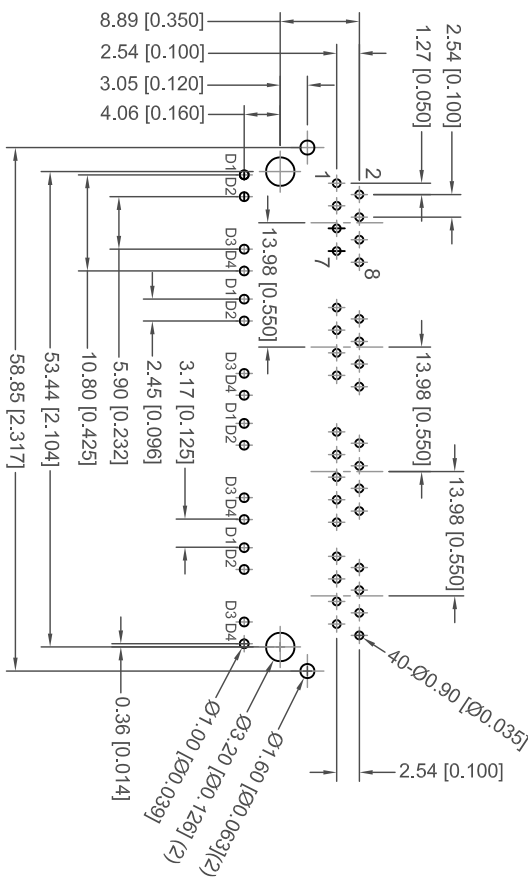


13.80 [0.543]

21.60 [0.850]

3.20 [0.126], REF

2.54 [0.100]
3.05 [0.120]
8.89 [0.350]
3.27 [0.129]
4.06 [0.160]
10.80 [0.425]



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

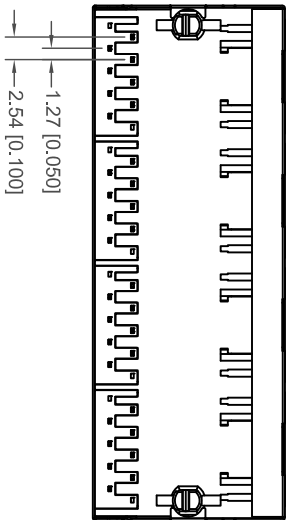
RECOMMENDED P.C.B. LAYOUT

TOLERANCE: ±0.05[±0.002]

PART NO
A63-142-313P161
A63-143-313P161
A63-144-313P161

GOLD PLATING THICKNESS
GOLD FLASH PLATING
15 MICRO INCHES OF GOLD
30 MICRO INCHES OF GOLD

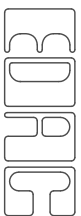
1. SHIELD: 0.25MM COPPER ALLOY WITH NICKEL PLATING
2. OPERATING TEMPERATURE: 0°C TO +70°C
3. MATE WITH MODULAR PLUG CONFORMING TO
FCC PART 68, SUBPART F.
4. DIMENSION: MM [INCHES]



1.27 [0.050]
2.54 [0.100]



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

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

SEE NOTE

SHEET 1 OF 2

DRAWING NUMBER

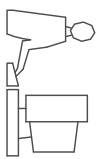
A63-142-313P161

ISSUE

1

ELECTRICAL CIRCUIT:

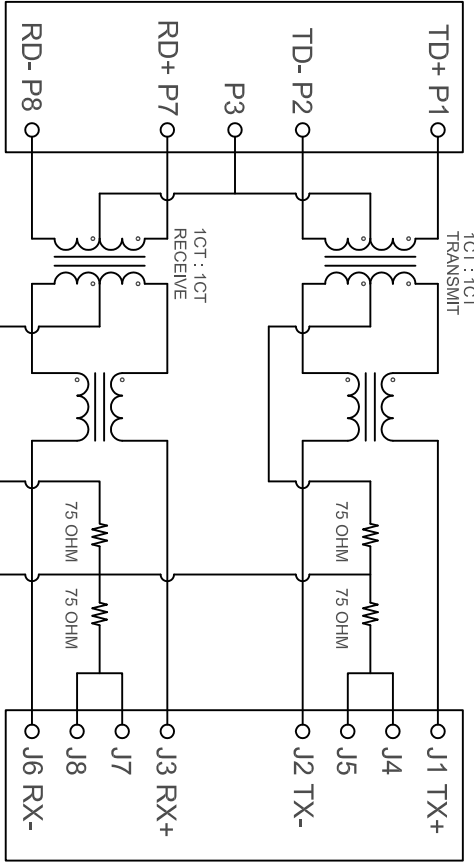
TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM:			THIS IS A C.A.D. GENERATED DRAWING DO NOT MAKE MANUAL REVISIONS TO MASTER.	
0	± 0.50	ANGLE	3°	
0.0	± 0.38			
0.00	± 0.25			
0.000	± 0.10			



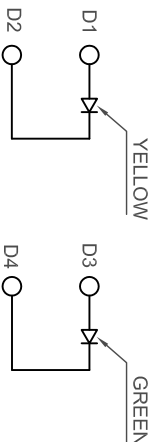
ISSUE NUMBER	
ORIGINAL	①

CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE



LED CIRCUIT:



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

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.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

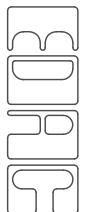
4 PORT, RJ45 MAGNETIC JACK WITH LED, 8P, 8C
SHIELDED/10/100 Mbps FILTER

ACAD REFERENCE NO.: A63-143-313P161	
DRAWN: R.STA.MONICA	DATE: NOV.19/2010
CHECKED:	DATE:

PART NUMBER	SEE NOTE		SHEET 2 OF 2
DRAWING NUMBER	A63-142-313P161		ISSUE
			1



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TORONTO, ONTARIO
CANADA

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