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LED 2 & 4 POLARITY			LED 1 & 3 POLARITY		
PIN 11	PIN 12	COLOR	PIN 13	PIN 14	COLOR
-	+	YELLOW	-	+	YELLOW
+	-	GREEN	+	-	GREEN

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TP1	1CT : 1CT ±2%
TP2	1CT : 1CT ±2%
TP3	1CT : 1CT ±2%
TP4	1CT : 1CT ±2%

CL @ 100kHz/100mVRMS

8mA DC BIAS	350µH MIN.
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INS. LOSS

0.1MHz TO 1MHz	-1.1 dB MAX
1MHz TO 65MHz	-0.5 dB MAX
65MHz TO 100MHz	-0.8 dB MAX
100MHz TO 125MHz	-1.2 dB MAX

RET. LOSS (MIN)

0.5MHz-40MHz	-18 dB
40MHz-100MHz	-12+20LOG(f/80MHz) dB

CM TO CM REJ

100kHz - 100MHz	-30 dB MIN
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CM TO DM REJ

100kHz - 100MHz	-35 dB MIN
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HIPOT (Isolation Voltage):

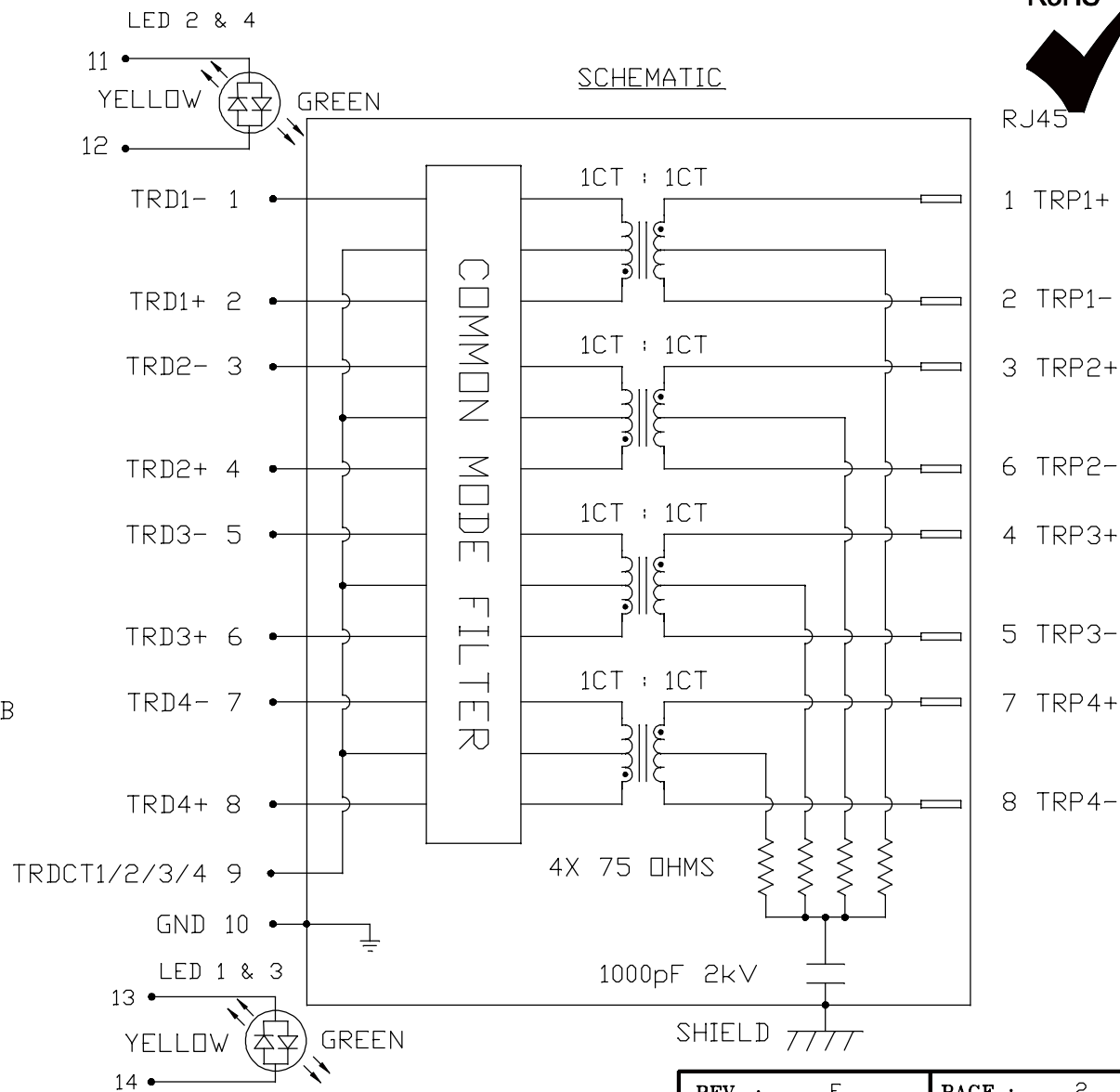
1500 Vrms

100% OF PRODUCTION TESTED TO COMPLY

WITH IEEE 802.3 ISOLATION REQUIREMENT

LEDs 1, 2, 3 AND 4

VF (FORWARD VOLTAGE)	IF=20mA GREEN 2.2V TYP.
	IF=20mA YELLOW 2.1V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA GREEN 570nm TYP.
	IF=20mA YELLOW 590nm TYP.



ORIGINATED BY
CHOW WANCHUNG
DATE 2016-04-15

DRAWN BY
MURPHY LEE
DATE 2016-04-15

TITLE
2X6 gigabit MagJack®
WITH UPPER AND LOWER LED
(8 Cores)
PATENTED

PART NO. / DRAWING NO.
0879-2C6R-54

FILE NAME
0879-2C6R-54_E.DWG

STANDARD DIM.
TOL. IN INCH

.X
.XX
.XXX

[] METRIC DIM.
AS REF.

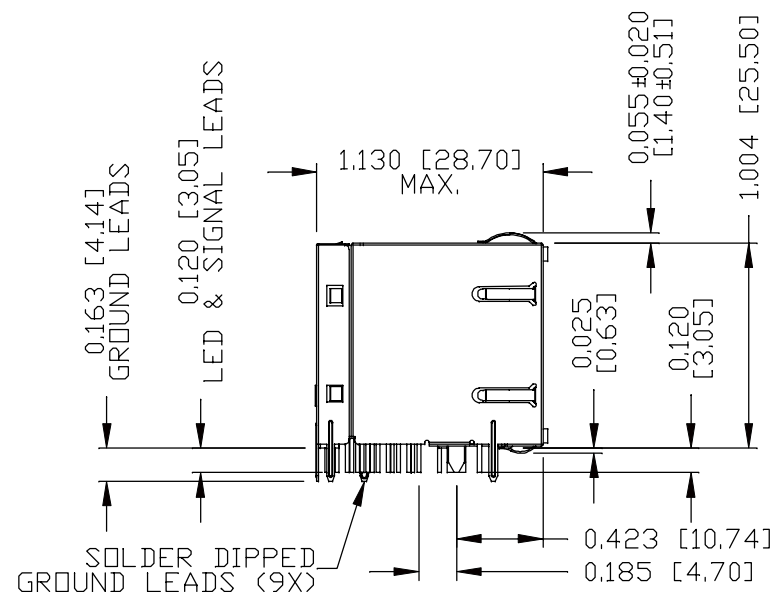
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SCALE : N/A
SIZE : A4

REV. : E PAGE : 2

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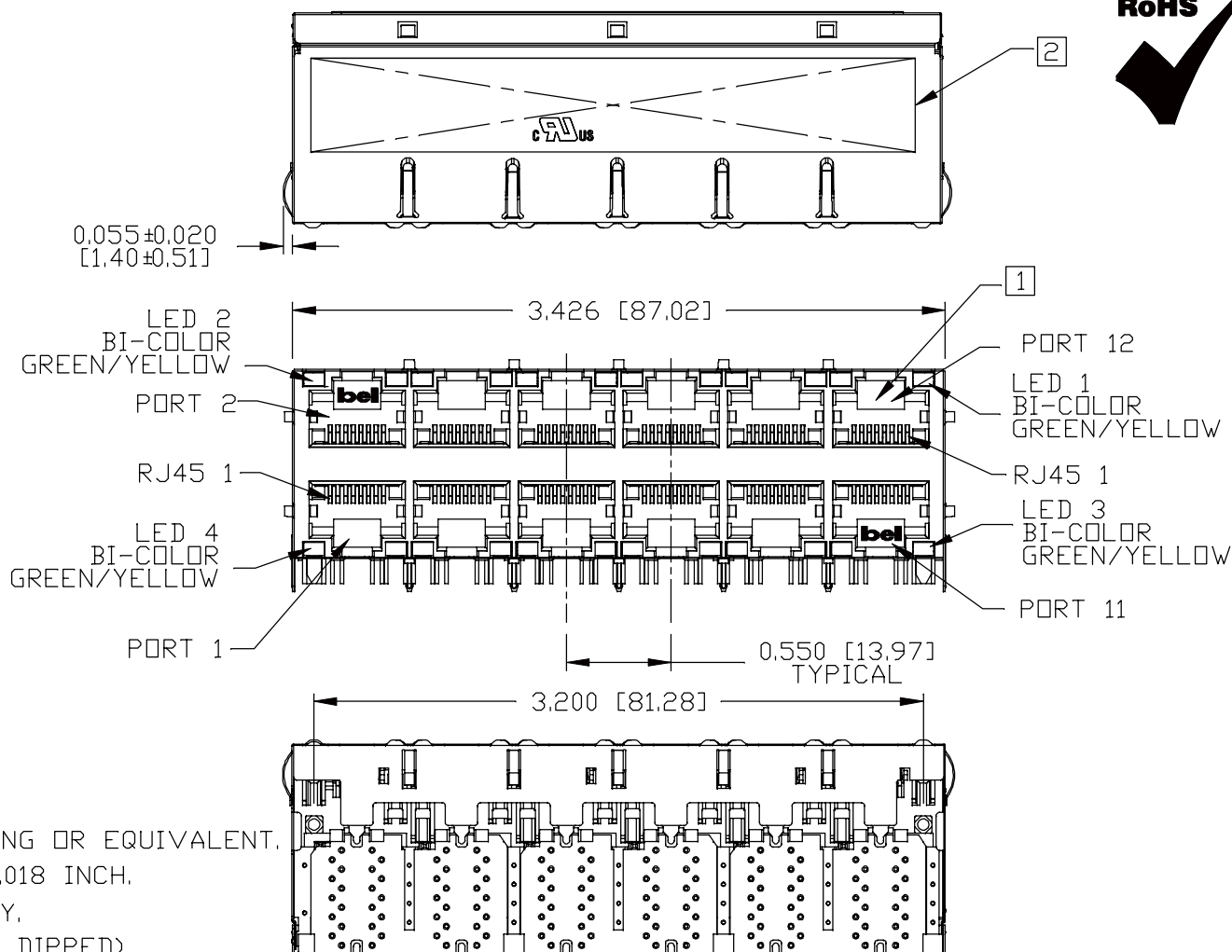
RoHS



NOTES:

PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0
CONTACT PLATING: 50 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT.
OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)

- JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.
- MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, DATE CODE AND PATENTED.
- THE PRODUCT IS RoHS COMPLIANT.



c FUSE UL RECOGNIZED - FILE #E196366 AND E169987.
4. THE PRODUCT IS PATENTED, THE PATENT NUMBER ARE U.S. PAT. 6,840,817 AND U.S. PAT. 7,123,117.

ORIGINATED BY
SANDY LIN
DATE 2016-04-15
DRAWN BY
XUE RIPING
DATE 2016-04-15

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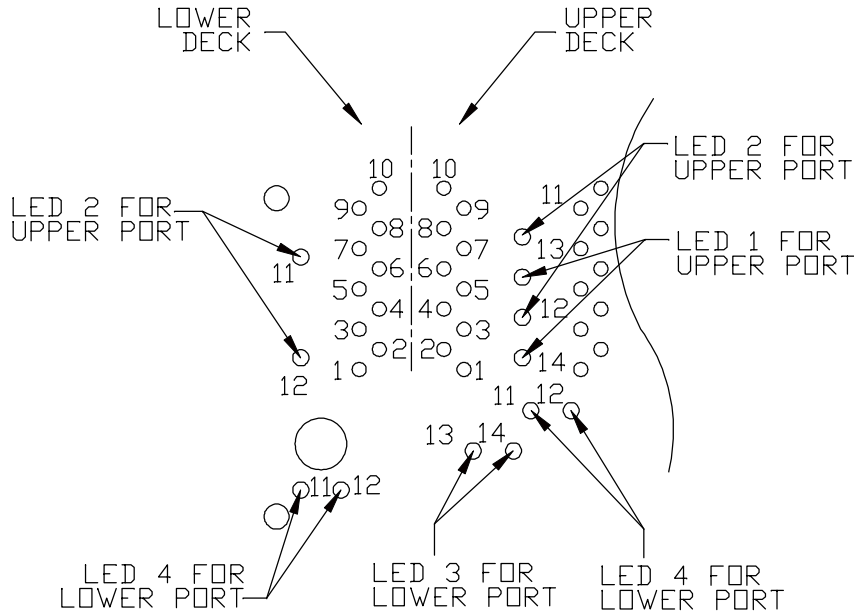
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.XX		UNIT : INCH [mm]
.XXX	±0.010	SCALE : N/A
		SIZE : A4

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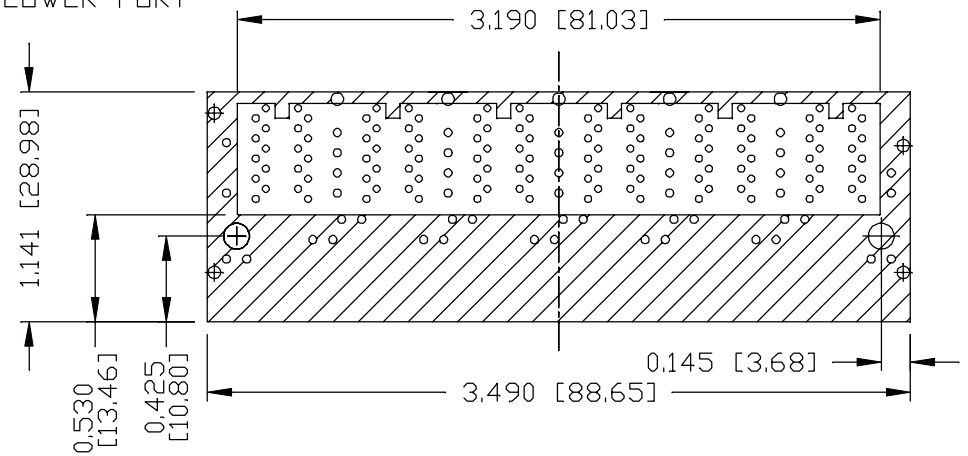
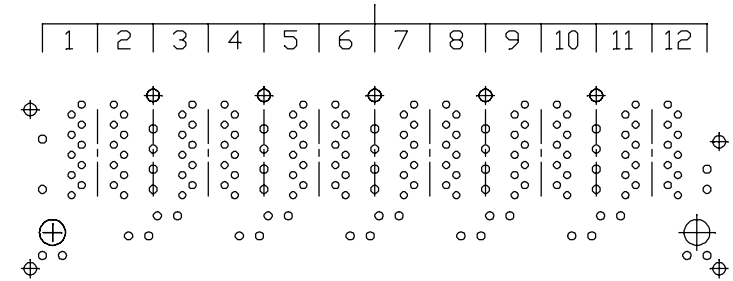
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PIN-OUT INFORMATION
(COMPONENT SIDE VIEW)

10	GND	
9	TRDCT1/2/3/4	
8	TRD 4+	
7	TRD 4-	
6	TRD 3+	
5	TRD 3-	
4	TRD 2+	14 GREEN (-) YELLOW (+)
3	TRD 2-	13 GREEN (+) YELLOW (-)
2	TRD 1+	12 GREEN (-) YELLOW (+)
1	TRD 1-	11 GREEN (+) YELLOW (-)

PORT ASSIGNMENT
(COMPONENT SIDE VIEW)



THE SHADED AREA ON THE CUSTOMER BOARD ARE
RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR
COMPONENT PAD.

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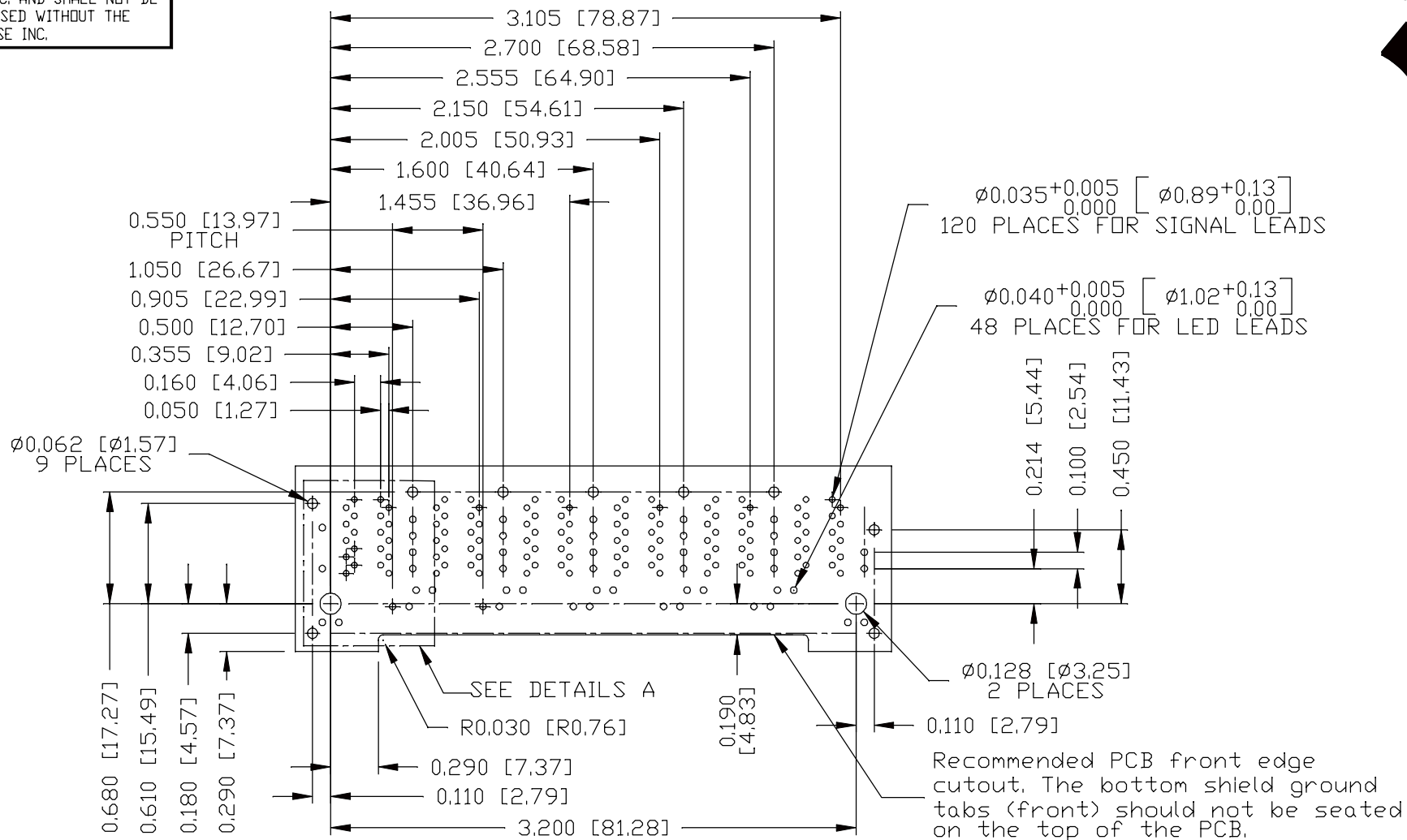
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SUGGESTED FOOTPRINT
(COMPONENT SIDE VIEW)

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ORIGINATED BY
SANDY LIN
DATE 2016-04-15

DRAWN BY
XUE RIPING
DATE 2016-04-15

TITLE
2X6 glgablt MagJack®
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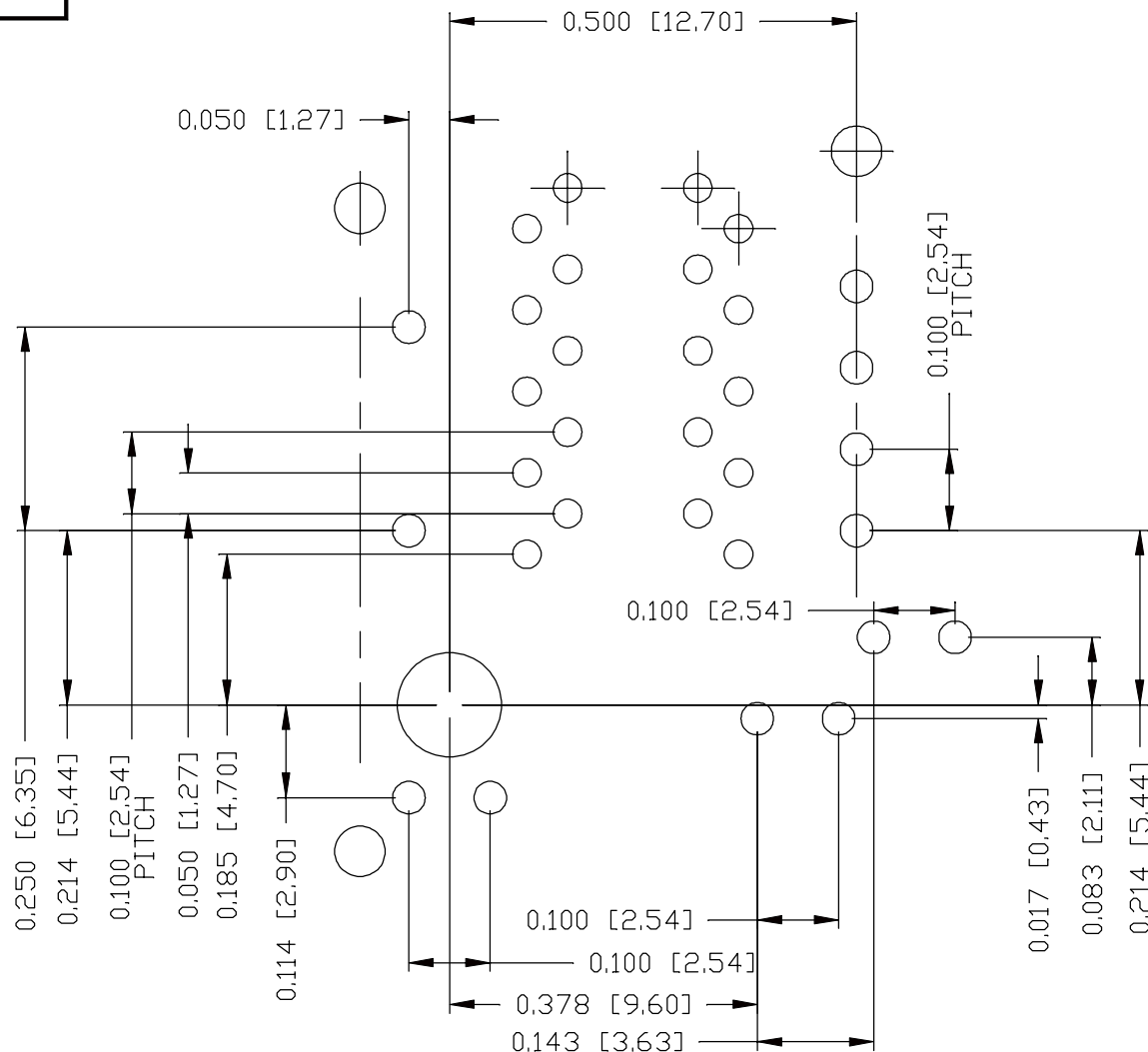
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DETAILS A

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DATE 2016-04-15

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XUE RIPING
DATE 2016-04-15

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.X	
.XX	
.XXX	±0.004

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AS REF.

UNIT : INCH [mm]
SCALE : N/A
SIZE : A4

REV. : E

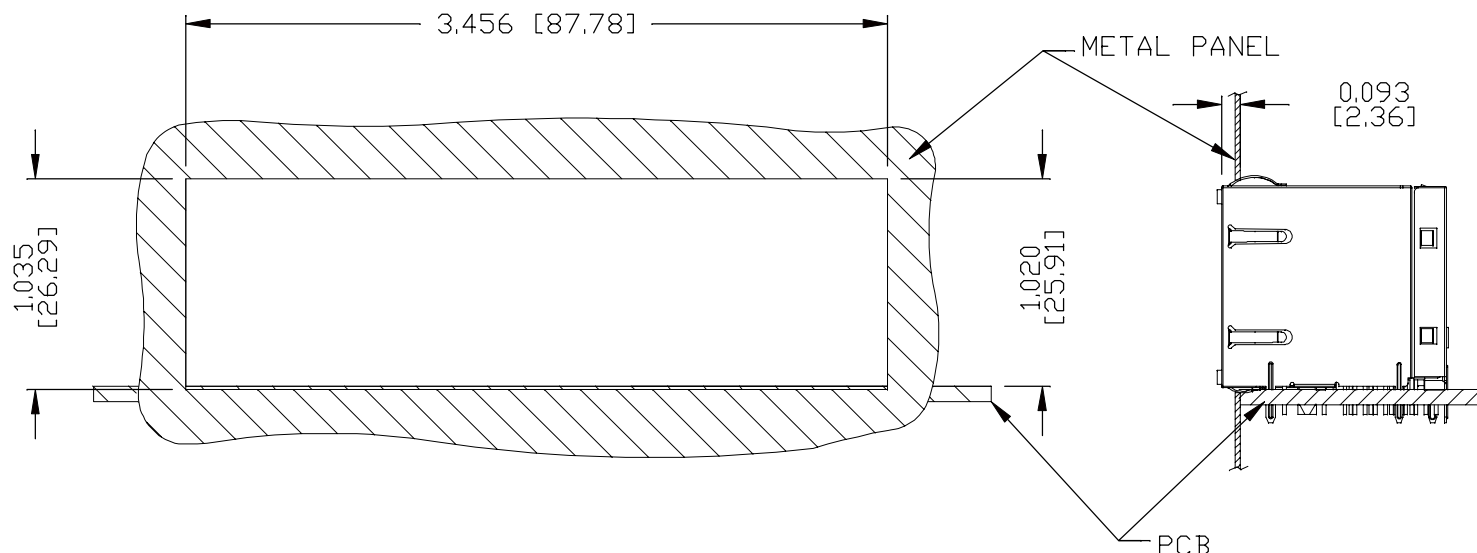
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SUGGESTED PANEL OPENING



NOTE:

THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION. IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.

PACKING INFORMATION

PACKING TRAY : 0200-9999-P3 (TOP)
0200-9999-P4 (BOTTOM)

PACKING QUANTITY : 14 PCS FINISHED GOODS PER TRAY
7 TRAYS (98 PCS FINISHED GOODS) PER CARTON BOX

NOTE : CARDBOARDS ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX (INCLUDE THE UPPERMOST AND LOWERMOST TRAY)

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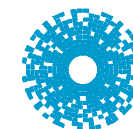
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.XX
.XXX ±0.004

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AS REF.

UNIT : INCH [mm]
SCALE : N/A
SIZE : A4



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Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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