

THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.

LED 1 POLARITY			LED 2 POLARITY		
PIN 9	PIN 10	COLOR	PIN 7	PIN 8	COLOR
+	-	GREEN	+	-	GREEN

PRELIMINARY



SCHEMATIC

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TX	1CT : 1
RX	1CT : 1

DCL @ 100kHz/100mVRMS

8mA DC BIAS (0°C - 70°C)	350µH MIN.
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INS. LOSS

1MHz TO 100MHz	-1.1 dB MAX
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RET. LOSS (MIN) @ 100DHMS ±15%

1MHz-30MHz	-18 dB
30MHz-60MHz	-18+20LOG(F/30MHz) dB
60MHz-80MHz	-12 dB

CROSS TALK (TX - RX)

100kHz-100MHz	-35 dB MIN
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CM TO CM REJ

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

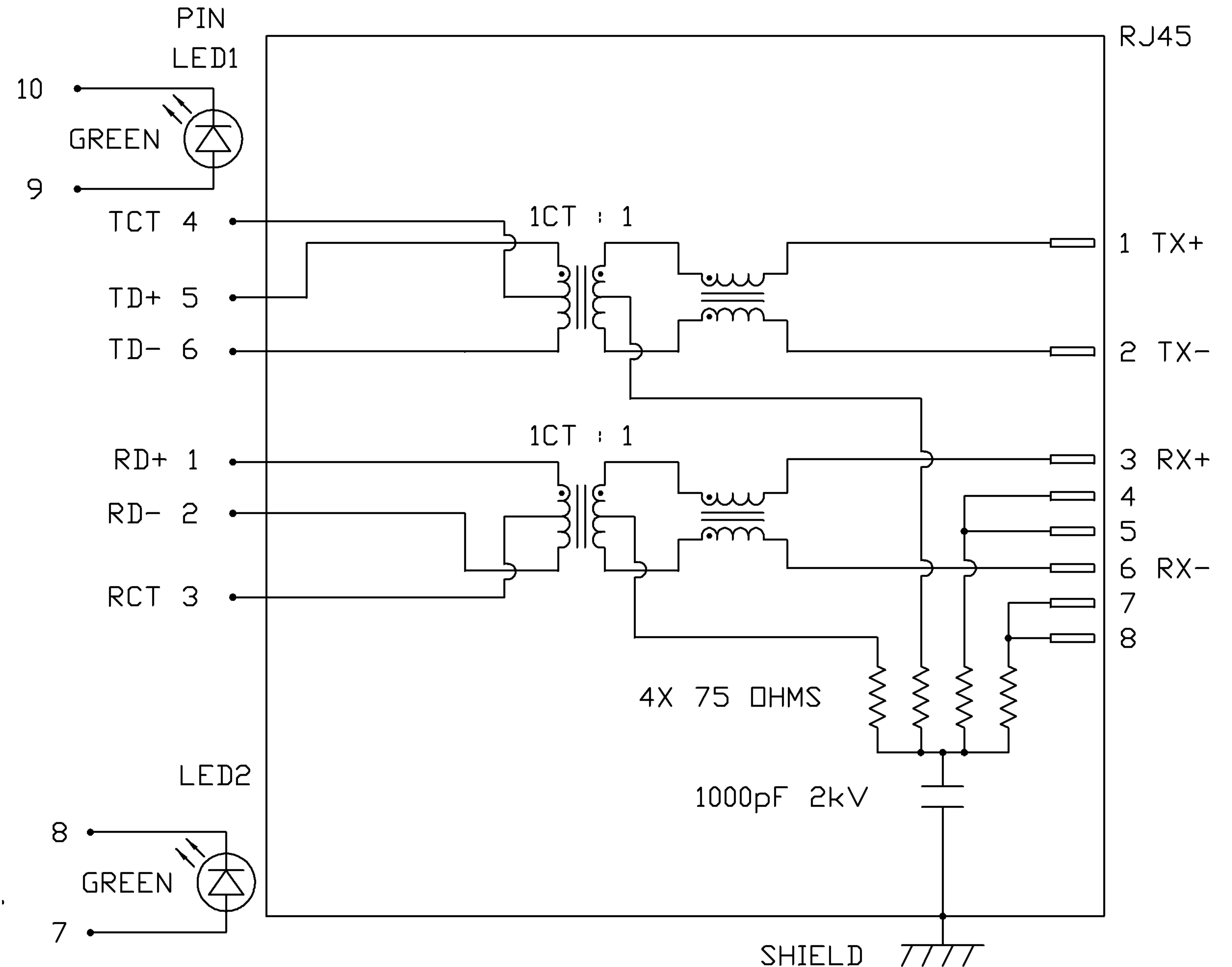
100kHz-100MHz	-35 dB MIN
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HIPOT (Isolation Voltage): 1500 Vrms

100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS.

LED 1 & LED 2

VF (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA	GREEN	565nm TYP.



ORIGINATED BY	DATE
CHOW WANCHUNG	01-16-09
DRAWN BY	DATE
LI YONGFENG	01-16-09

TITLE
1X1 MagJack® WITH LEDS

PART NO. / DRAWING NO.
0875-1G1T-P2
FILE NAME
0875-1G1T-P2_PA.DWG

STANDARD DIM. TOL. IN INCH
.X
.XX
.XXX

[ ] METRIC DIM. AS REFERENCE
UNIT : INCH [mm]
SCALE : N/A
REV. : PA
SIZE : A4
PAGE : 2



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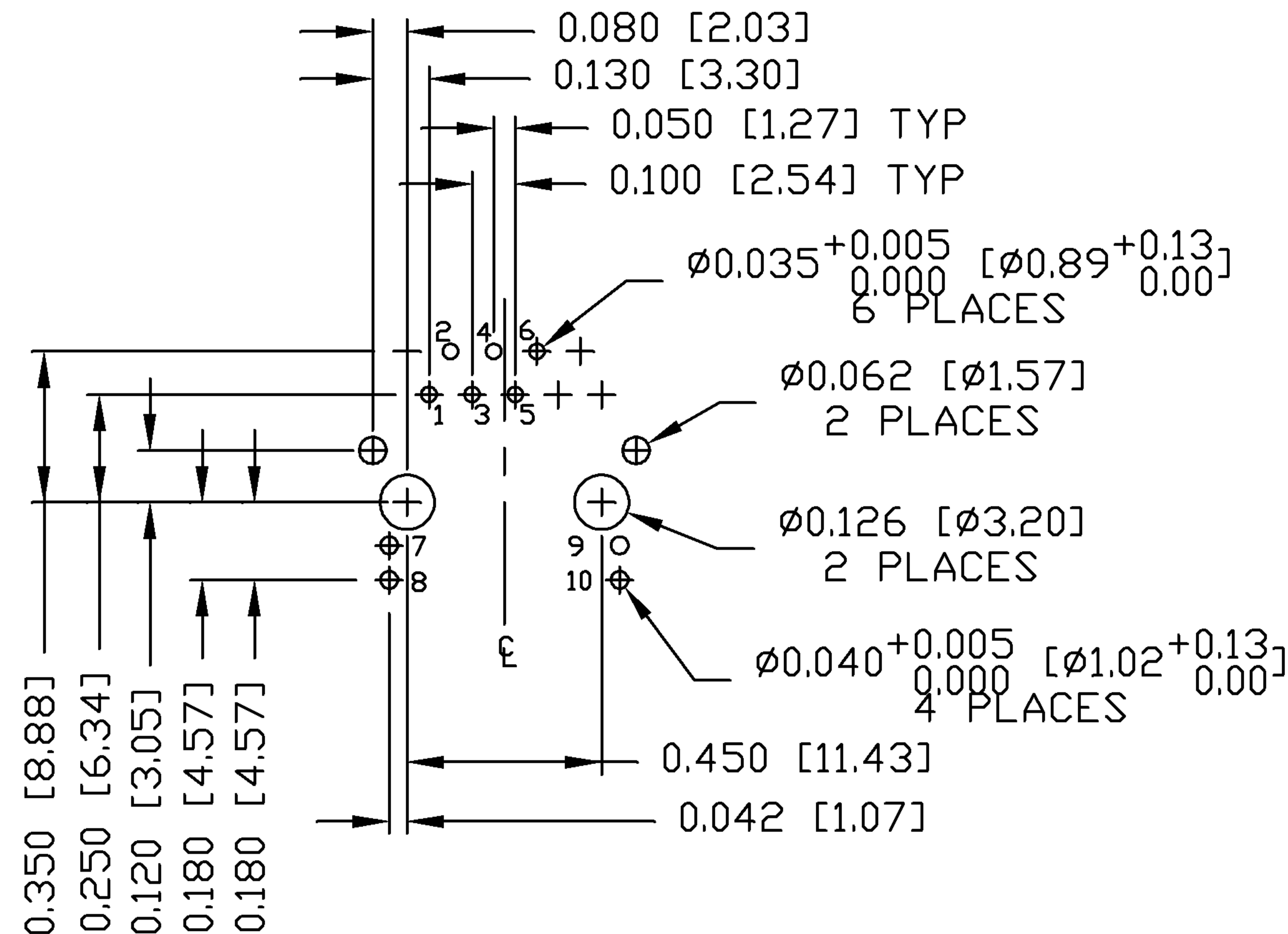
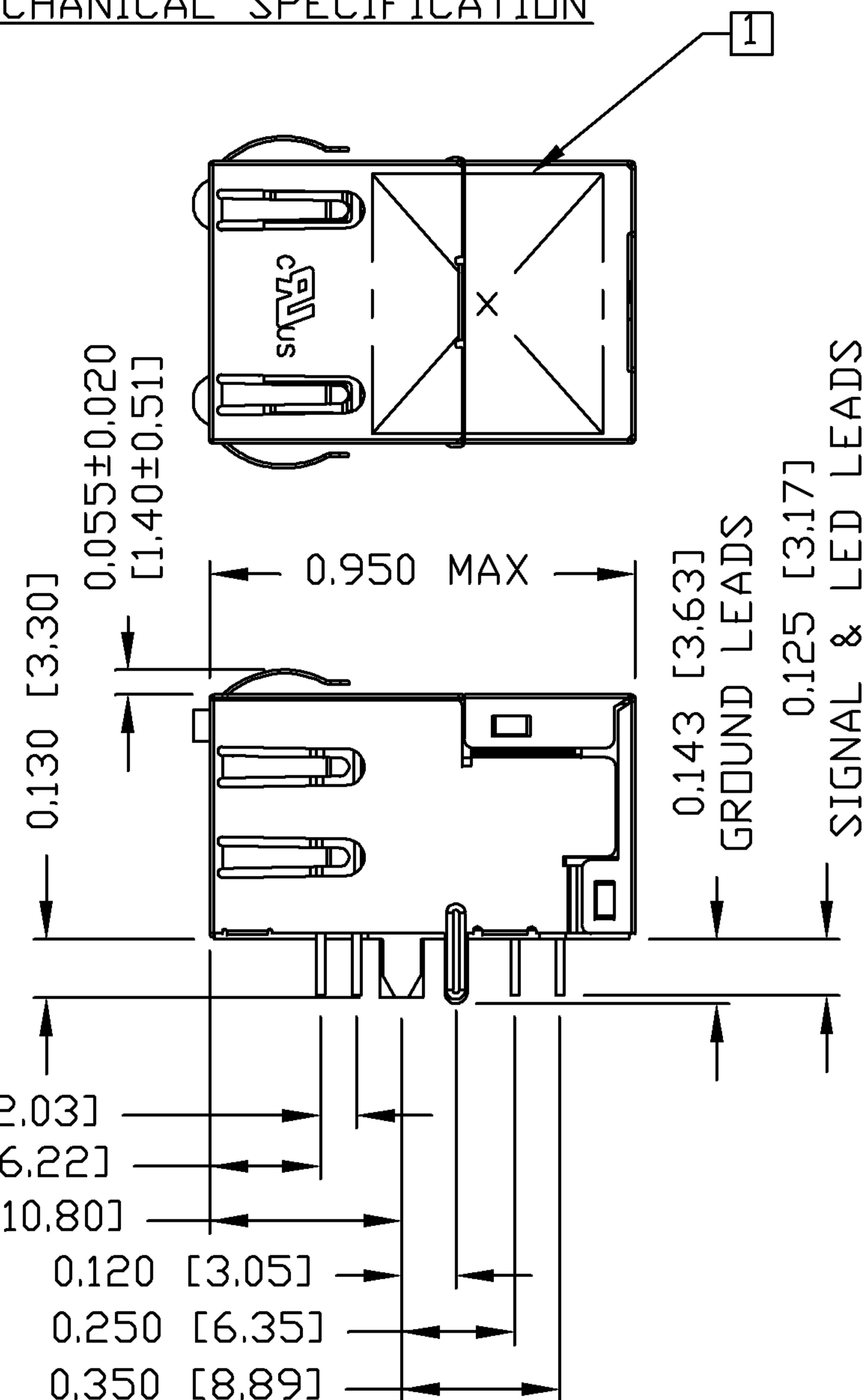
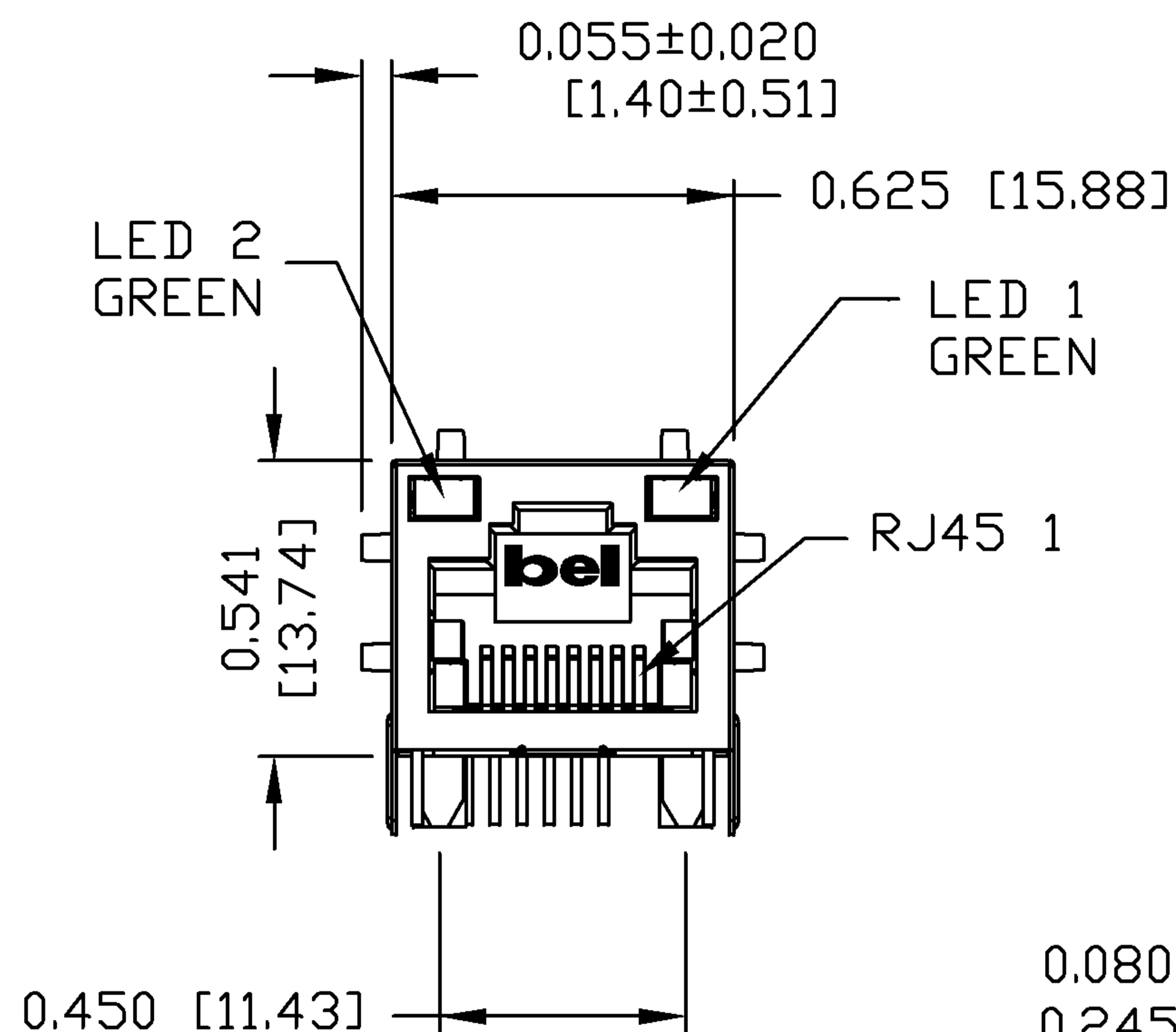
RoHS  
2002/95/EC



MECHANICAL SPECIFICATION

PRELIMINARY

RECOMMENDED PCB FOOTPRINT  
COMPONENT SIDE VIEW



NOTES:

- PLASTIC HOUSING: THERMOPLASTIC PBT.
- FLAMMABILITY RATING UL 94V-0
- CONTACTS: 30 MICRO-INCH HARD GOLD PLATING
- OUTPUT PINS: LEAD FREE COPPER WIRES, DIA 0.018 INCH.
- METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
- (ALL GROUND LEADS ARE SOLDER DIPPED)

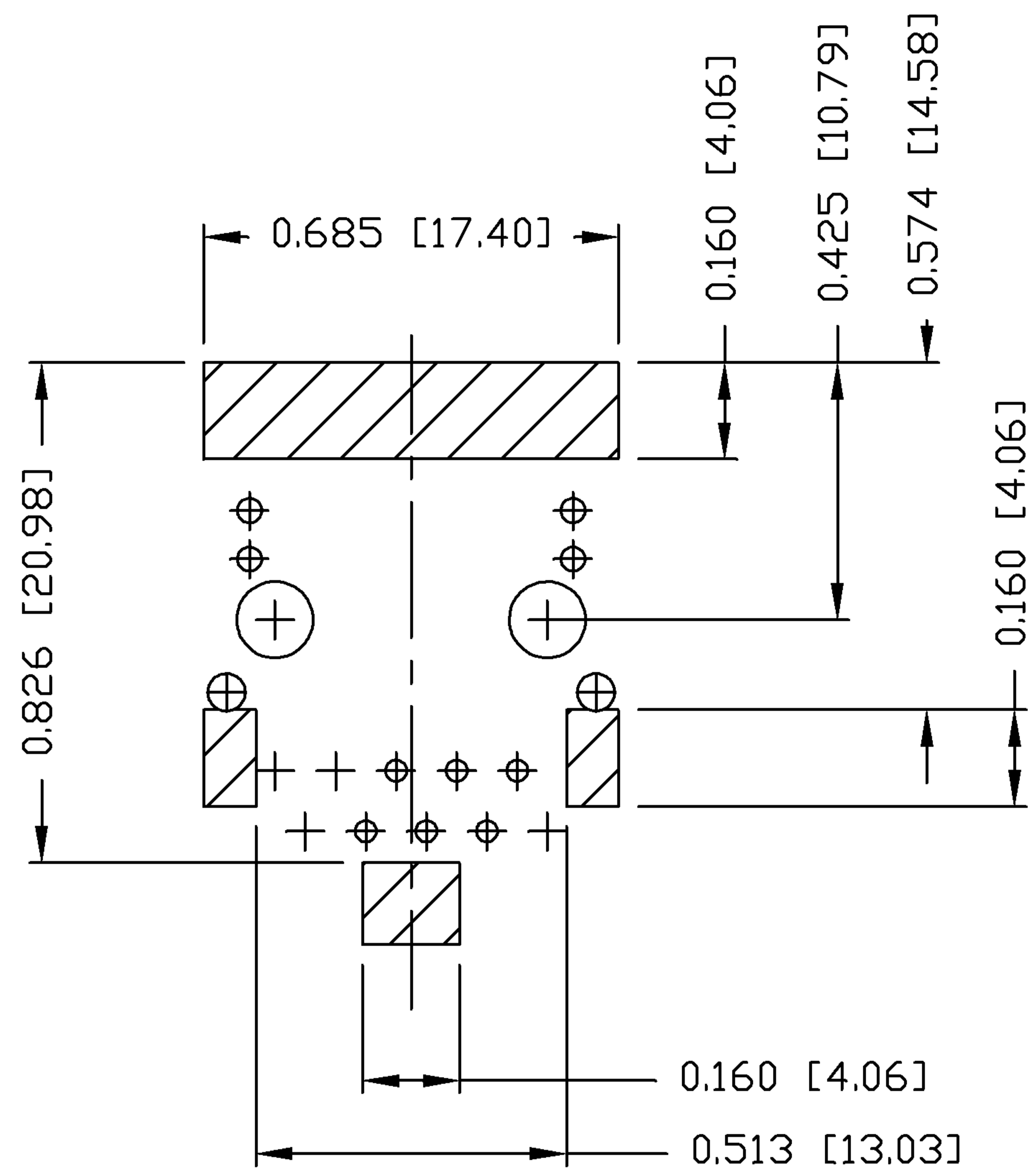
- 1. MARK PART WITH MFG. LOGO, MFG. NAME, PART NUMBER, AND DATE CODE.
  - 2. RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.
  - 3. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.
- © USUL RECOGNIZED - FILE #E196366 AND E169987.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[ ] METRIC DIM. AS REFERENCE
LIU QIN	01-16-09	1X1 MagJack® WITH LEADS	0875-1G1T-P2	.X	UNIT : INCH [mm] REV. : PA
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A SIZE : A4
XIAN JIAXIN	01-16-09		0875-1G1T-P2_PA.DWG	.XXX	±0.010



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PRELIMINARY



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

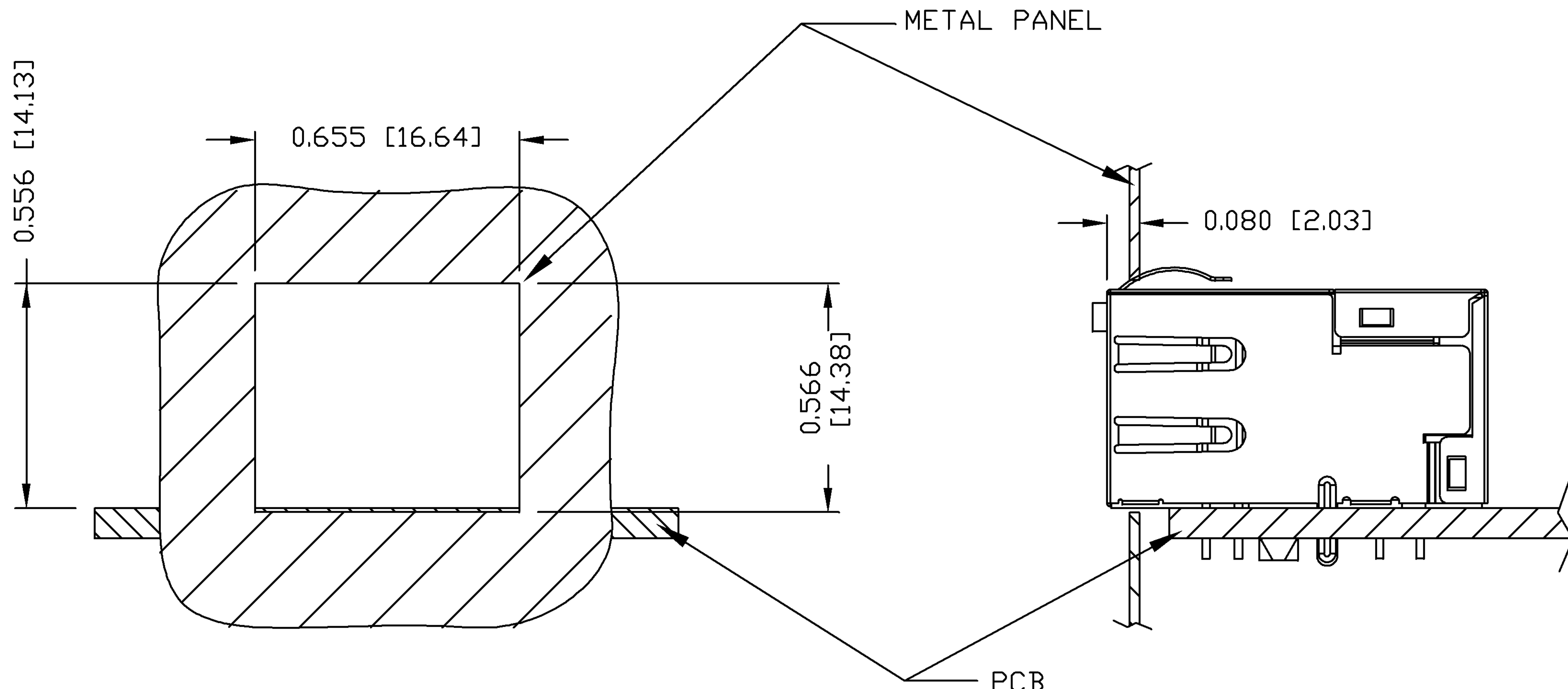
<b>ORIGINATED BY</b> LIU QIN	<b>DATE</b> 01-16-09	<b>TITLE</b> 1X1 MagJack® WITH LEDS	<b>PART NO. / DRAWING NO.</b> 0875-1G1T-P2	<b>STANDARD DIM. TOL. IN INCH</b>	<b>[ ] METRIC DIM. AS REFERENCE</b>	
<b>DRAWN BY</b> XIAN JIAXIN	<b>DATE</b> 01-16-09		<b>FILE NAME</b> 0875-1G1T-P2_PA.DWG	.X .XX .XXX	±0.004	UNIT : INCH [mm] SCALE : N/A



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SUGGESTED PANEL OPENING

PRELIMINARY



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-H7 (TOP)

0200-9999-H8 (BOTTOM)

PACKING QUANTITY : 60 PCS FINISHED GOODS PER TRAY

10 TRAYS (600 PCS FINISHED GOODS) PER CARTON BOX

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

<b>ORIGINATED BY</b> LIU QIN	<b>DATE</b> 01-16-09	<b>TITLE</b> 1X1 MagJack® WITH LEDS	<b>PART NO. / DRAWING NO.</b> 0875-1G1T-P2	<b>STANDARD DIM. TOL. IN INCH</b>	<b>[ ] METRIC DIM. AS REFERENCE</b>		<b>bel</b> COMPONENTS FOR A CONNECTED PLANET
<b>DRAWN BY</b> XIAN JIAXIN	<b>DATE</b> 01-16-09		<b>FILE NAME</b> 0875-1G1T-P2_PA.DWG	.X .XX .XXX	±0.004	UNIT : INCH [mm] SCALE : N/A	