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PRELIMINARY

RoHS
2002/95/EC



LED1 POLARITY			LED2 POLARITY		
PIN 13	PIN 14	COLOR	PIN 11	PIN 12	COLOR
+	-	GREEN	+	-	GREEN

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

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

DCL @ 100kHz/100mVRMS

8mA DC BIAS (0°C - 70°C) 350µH MIN.

INS. LOSS

100KHz-125MHz -1.2 dB MAX

RET. LOSS (MIN) @ 100ΩHMS ±15%

0.1MHz-40MHz -18 dB
40MHz-100MHz -12+20LOG(f/80MHz) dB

CM TO CM REJ

100KHz-100MHz -30 dB MIN

CROSS TALK

1MHz-100MHz -35 dB MIN

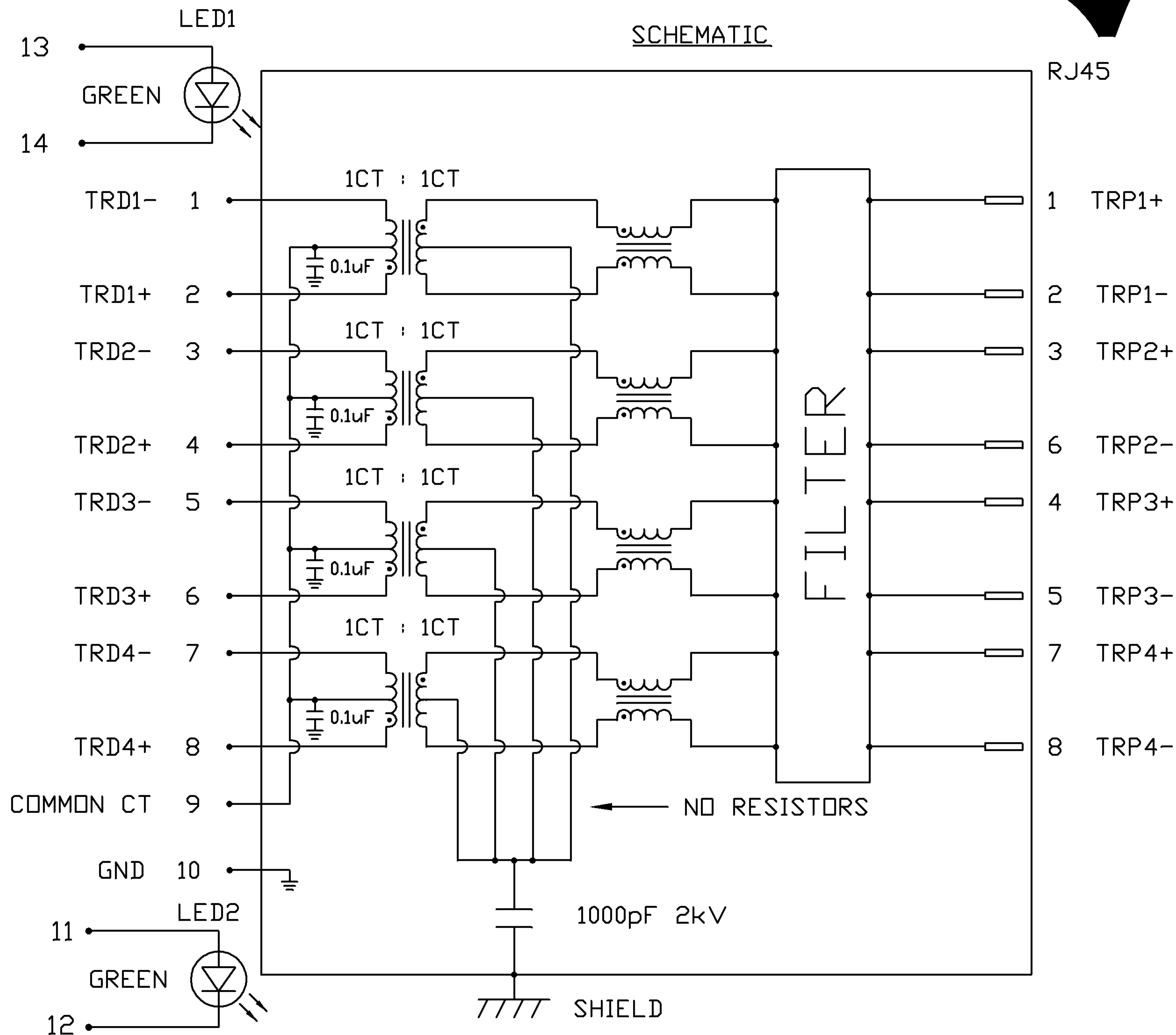
HIPOT (Isolation Voltage):

1500 Vrms

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

LED1 AND LED2

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



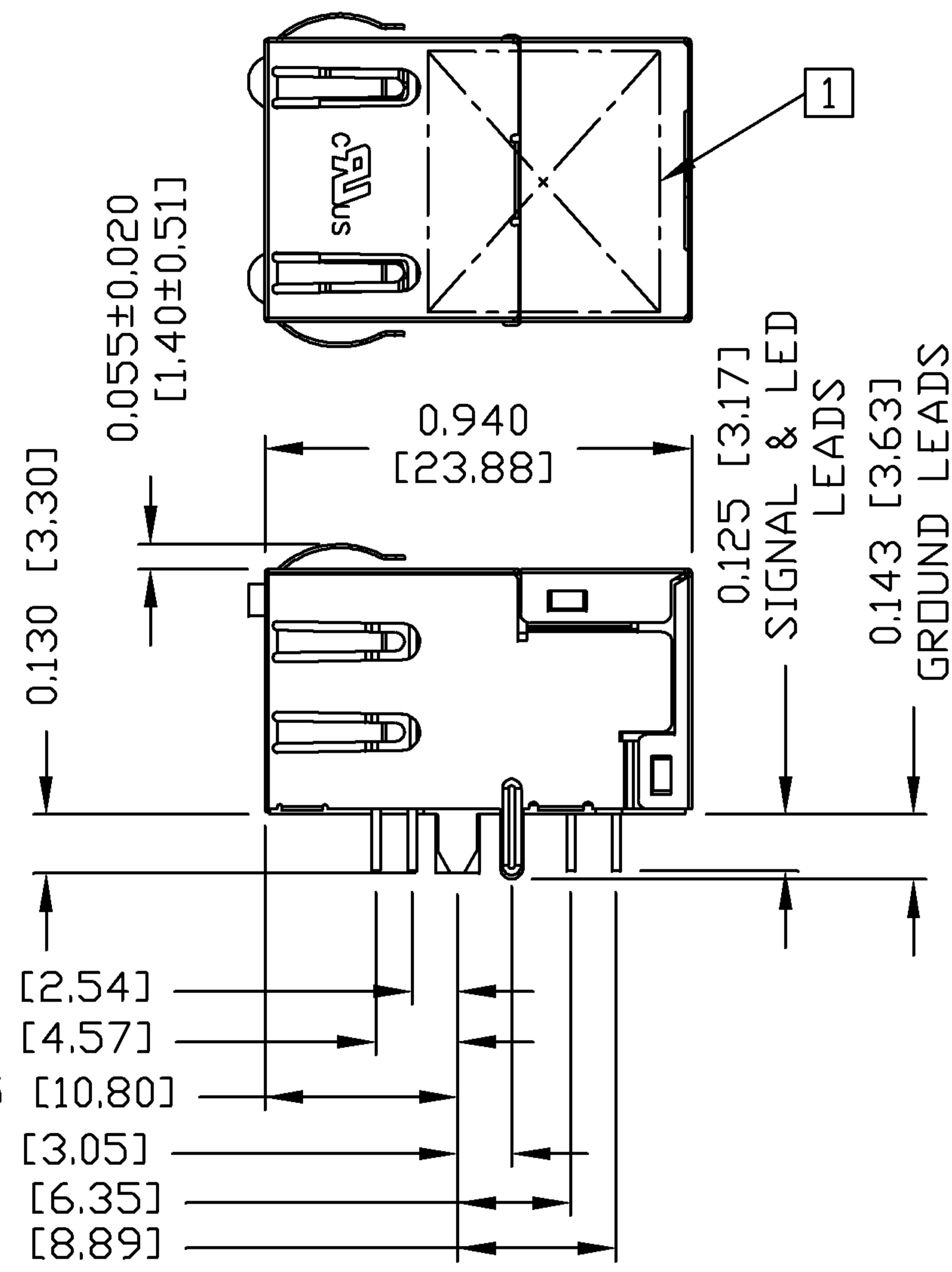
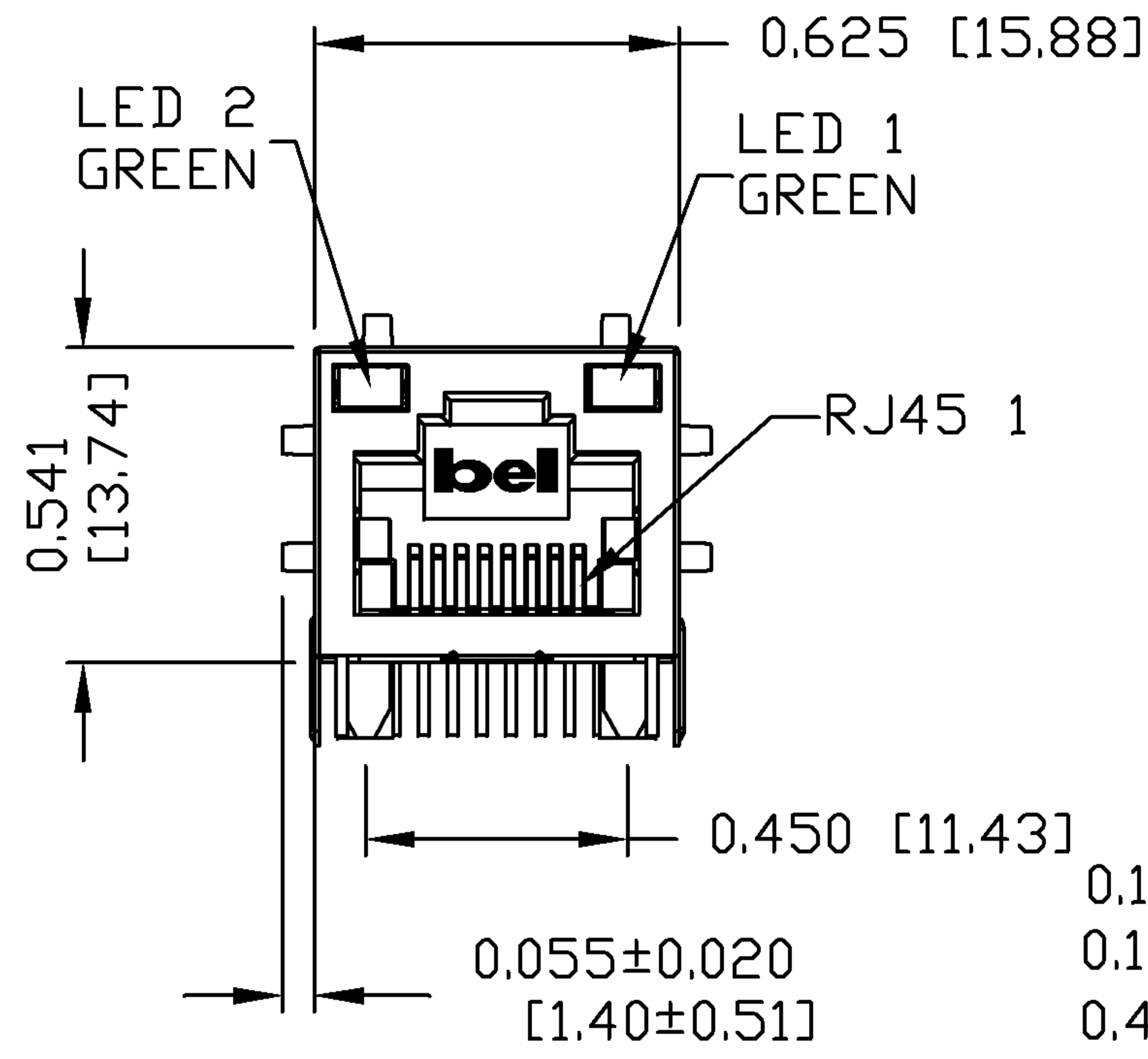
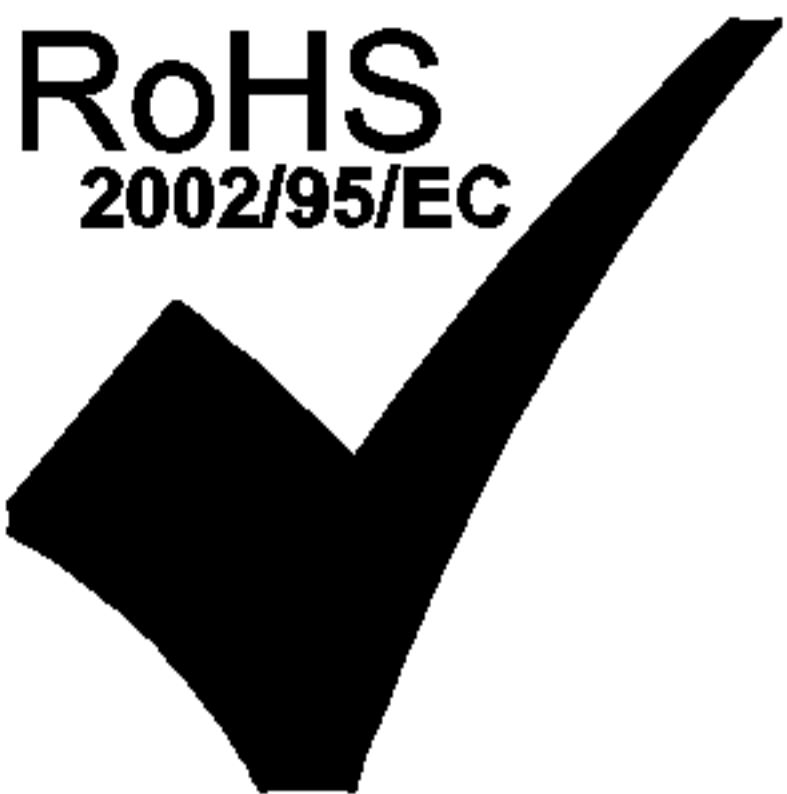
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
CHOW WANCHUNG	09-06-08	1X1 gigabit MagJack® (WITH LED)	0875-1G1T-D8	.X	UNIT : INCH [mm] REV. : PC
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A SIZE : A4
LI YONGFENG	09-06-08		0875-1G1T-D8_PC.DWG	.XXX	PAGE : 2



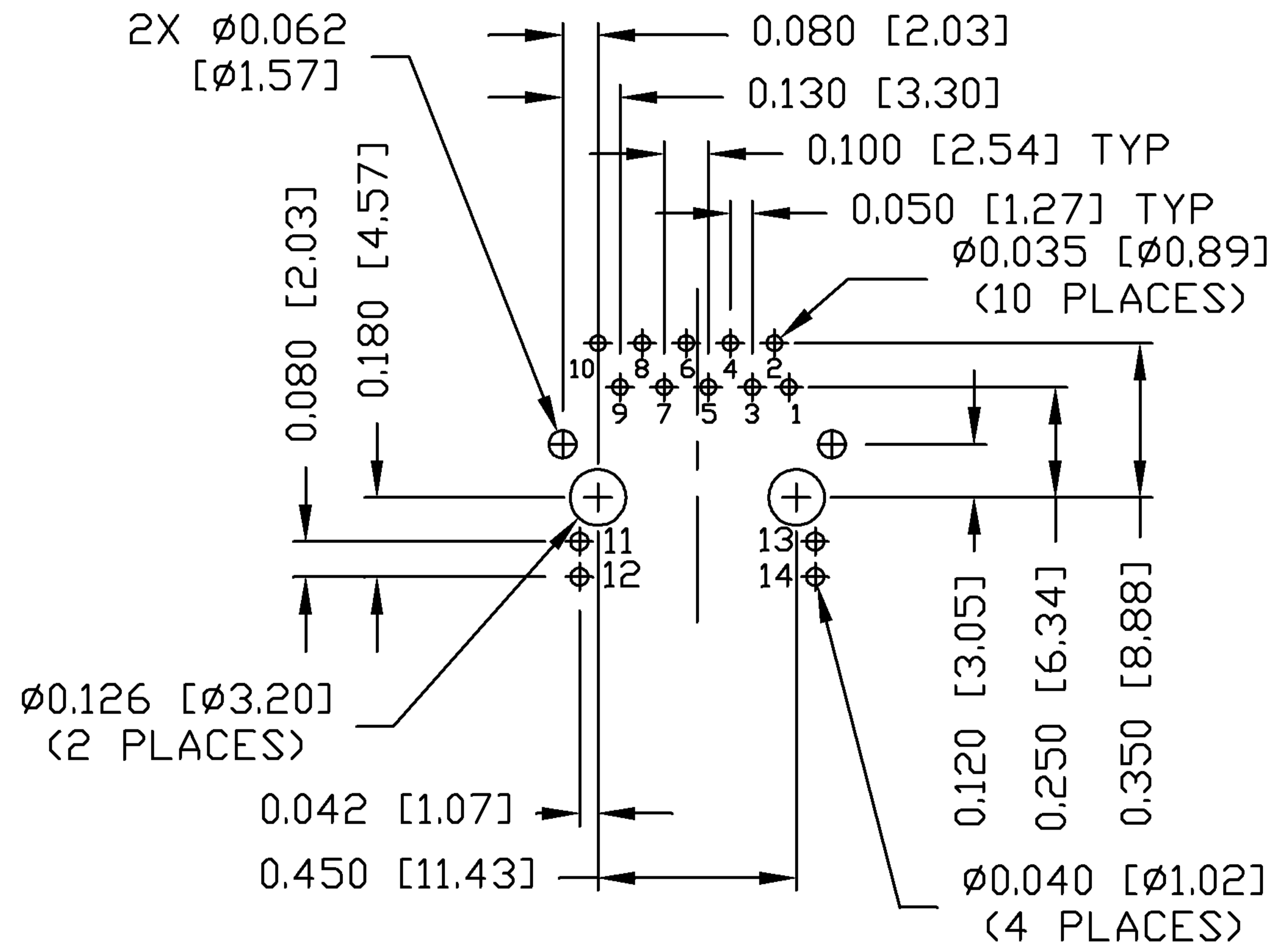
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MECHANICAL SPECIFICATION

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, NAME, PART NUMBER AND DATE CODE.
- 2. RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.

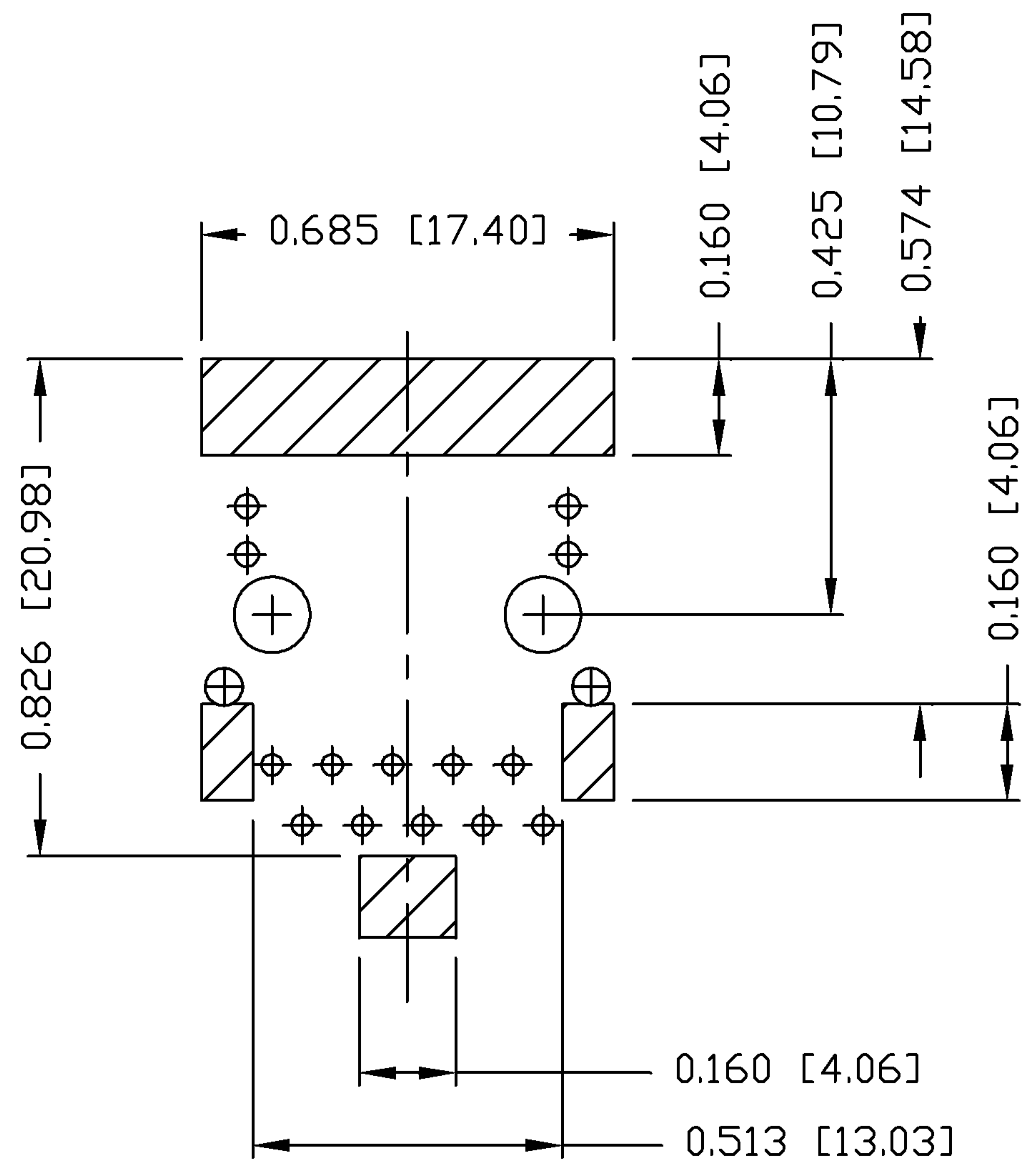
UL US UL RECOGNIZED - FILE #E196366 AND E169987.
 JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

ORIGINATED BY CHEN BILL	DATE 09-06-08	TITLE 1X1 gigabit MagJack® (WITH LED)	PART NO. / DRAWING NO. 0875-1G1T-D8	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
DRAWN BY LIU QIN	DATE 09-06-08		FILE NAME 0875-1G1T-D8_PC.DWG	.X .XX .XXX	±0.010



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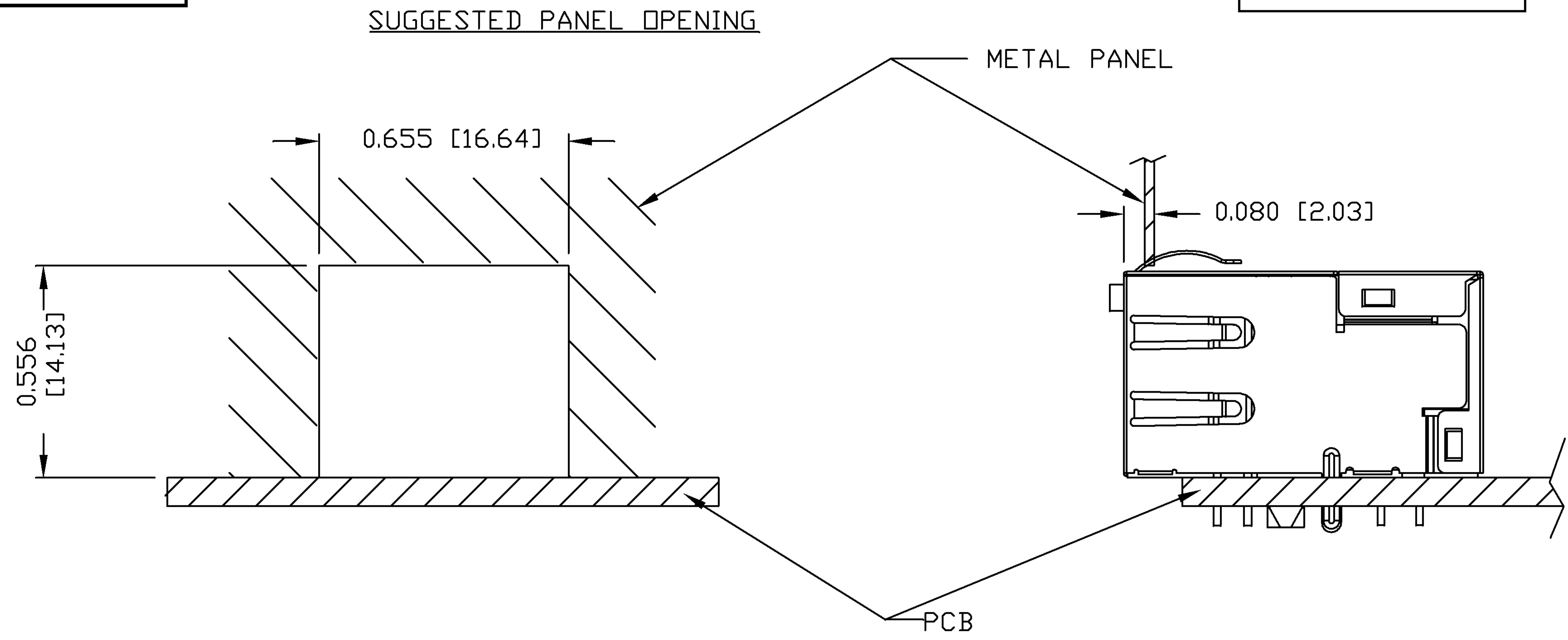


NOTE:
 THE SHADED AREA ON THE CUSTOMER BOARD ARE RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR COMPONENT PAD.

ORIGINATED BY CHEN BILL	DATE 09-06-08	TITLE 1X1 gigabit MagJack® (WITH LED)	PART NO. / DRAWING NO. 0875-1G1T-D8	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
DRAWN BY LIU QIN	DATE 09-06-08		FILE NAME 0875-1G1T-D8_PC.DWG	.X .XX .XXX	UNIT : INCH [mm] SCALE : N/A	REV. : PC SIZE : A4 PAGE : 4	
				±0.004			

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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)

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