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



ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TP1	1CT : 1CT ±3%
TP2	1CT : 1CT ±3%
TP3	1CT : 1CT ±3%
TP4	1CT : 1CT ±3%

DCL @ 100kHz/100mVRMS

8mA DC BIAS	350µH MIN.
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DC RESISTANCE:

(RJ1-RJ2);(RJ3-RJ6)	1.2 ohms Max.
(RJ4-RJ5);(RJ7-RJ8)	1.2 ohms Max.

INS. LOSS

1MHz TO 100MHz	-1.1 dB MAX
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RET. LOSS (MIN)

1MHz-40MHz	-18 dB
60MHz-100MHz	-12+20LOG(f/80MHz) dB

CROSS TALK:

1MHz - 60MHz	-35 dB TYP
60MHz - 100MHz	-25 dB TYP

CM TO CM REJ

1MHz - 100MHz	-35 dB MIN
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HIPOT (Isolation Voltage): 1500 Vrms

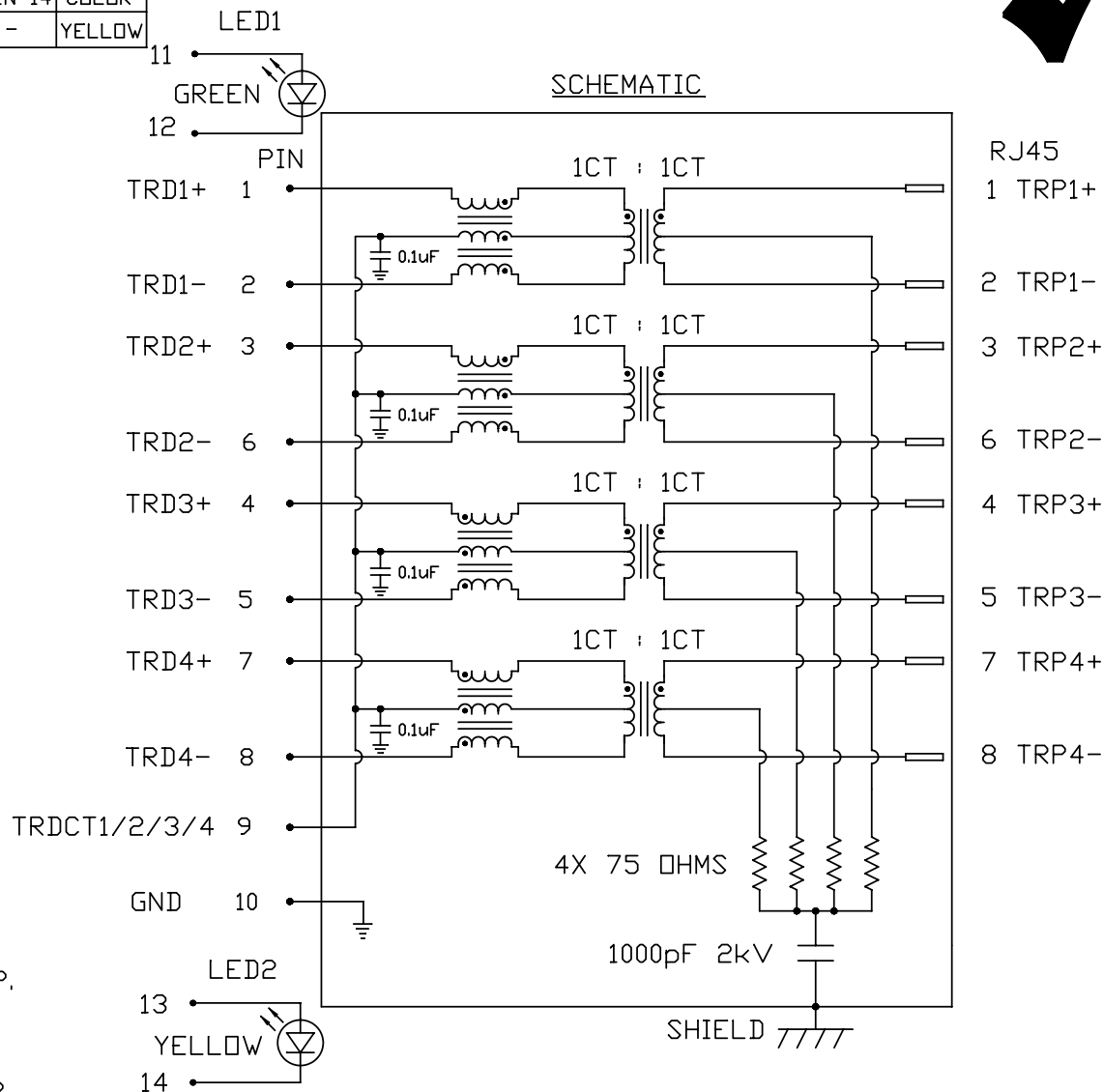
100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS.

LED 1

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

LED 2

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

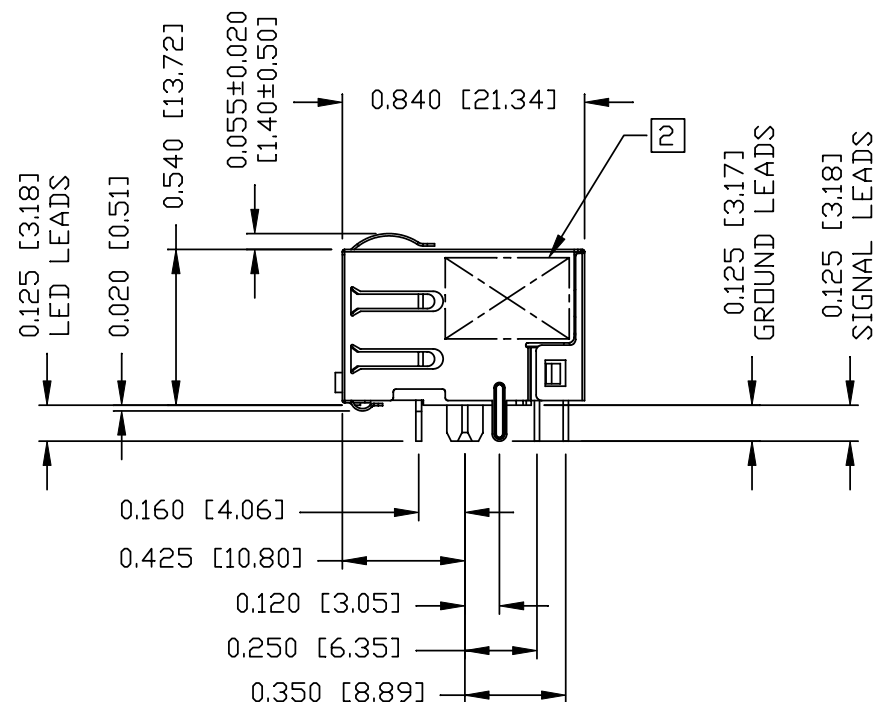
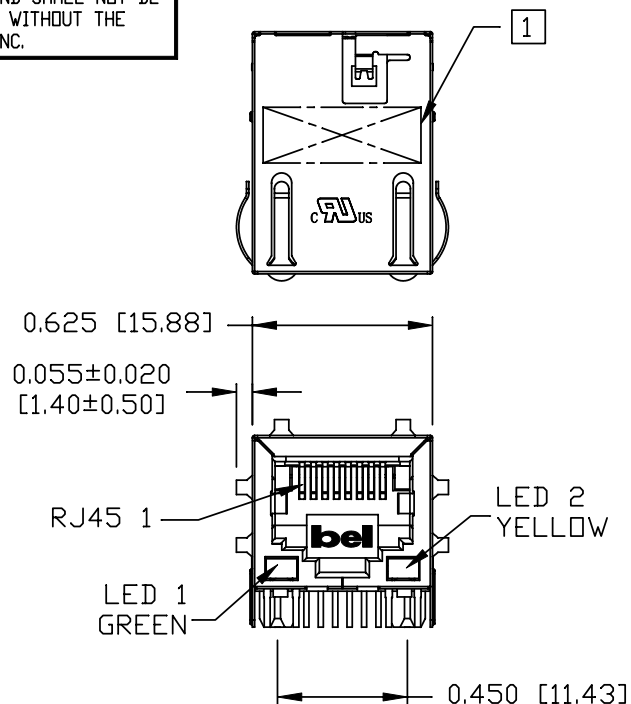


ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE
CHOW WANGCHUNG	07-15-09	Gigabit MagJack® (WITH LED) PATENTED	SI-61032-F	TOL. IN INCH	UNIT : INCH [mm]
DRAWN BY	DATE		FILE NAME	.X	REV. : A
ZENG DADI	07-15-09		SI-61032-F_A.DWG	.XX	SCALE : N/A
				.XXX	SIZE : A4
					PAGE : 2



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NOTES:

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

1 MARK PART WITH MFG PART NUMBER (SI-61032-F), DATE CODE AND PATENTED.

2 MARK PART WITH MFG LOGO, MFG NAME.

3. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS

4. THE PRODUCT IS PATENTED, THE PATENT NUMBER IS U.S. PAT. 5,736,910.

5. RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.

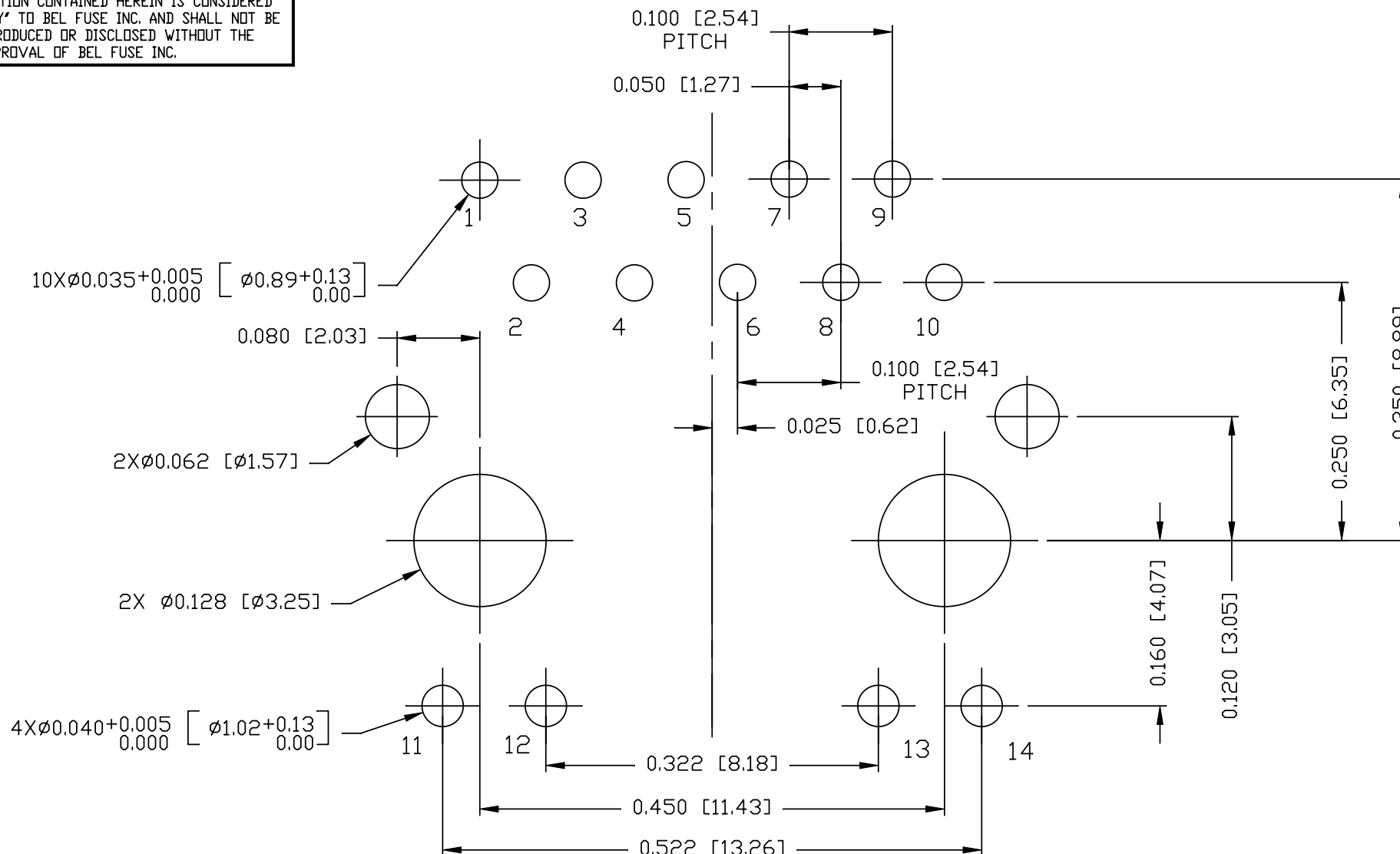
cUL US UL RECOGNIZED - FILE #E132408.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
BILL CHEN	07-15-09	Gigabit MagJack® (WITH LED) PATENTED	SI-61032-F	.X	UNIT : INCH [mm] REV. : A
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A SIZE : A4
SALLY LUD	07-15-09		SI-61032-F_A.DWG	.XXX ±0.010	PAGE : 3

bel
COMPONENTS FOR A
CONNECTED
PLANET

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RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW

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DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A SIZE : A4
SALLY LUO	07-15-09		SI-61032-F_A.DWG	.XXX ±0.004	PAGE : 4

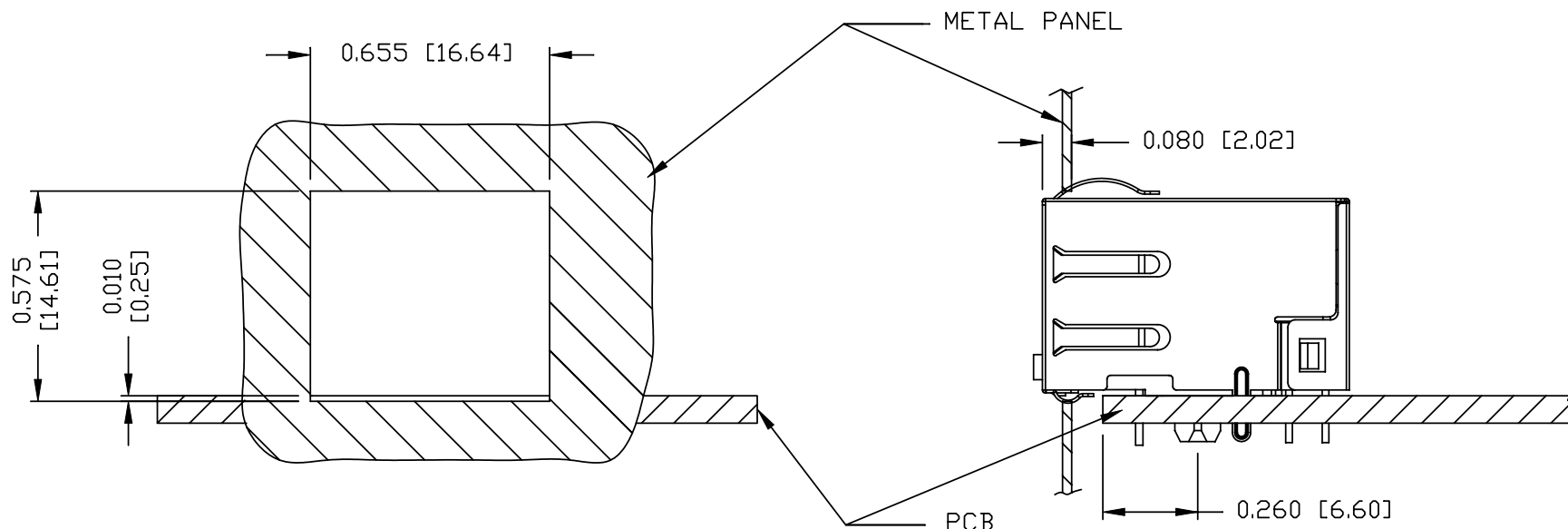
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COMPONENTS FOR A
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SUGGESTED PANEL OPENING



NOTES:

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

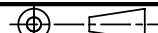
PACKING TRAY : 0200-9999-Q7 (TOP)

0200-9999-Q8 (BOTTOM)

PACKING QUANTITY : 80 PCS FINISHED GOODS PER TRAY

10 TRAYS (800 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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DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A	SIZE : A4	
SALLY LUO	07-15-09		SI-61032-F_A.DWG	.XXX ±0.004		PAGE : 5	

DC002(2)051509

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