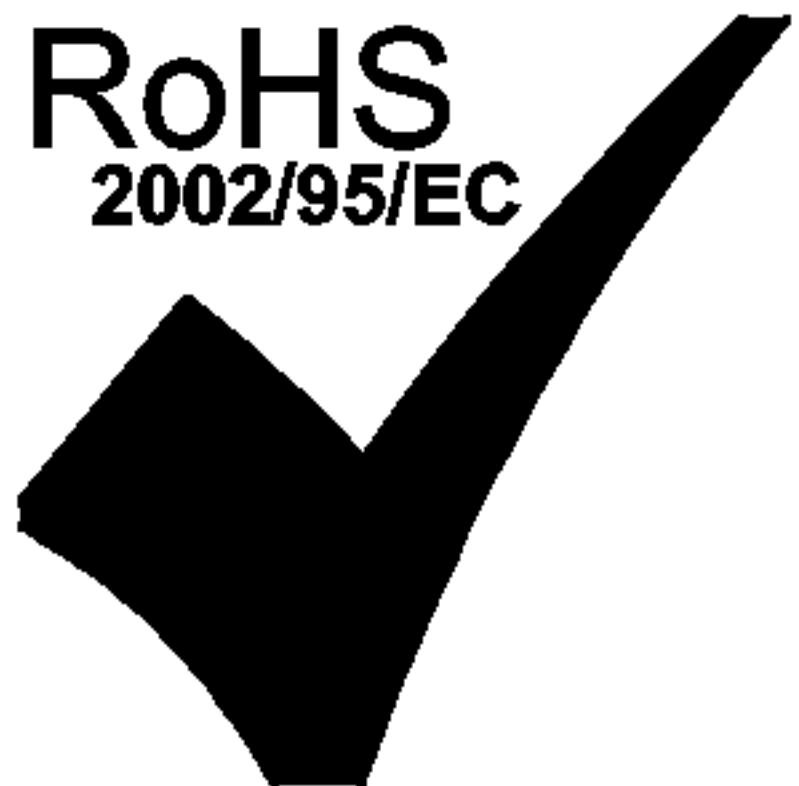


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LED1 POLARITY			LED2 POLARITY		
PIN 13	PIN 14	COLOR	PIN 11	PIN 12	COLOR
+	-	YELLOW	+	-	GREEN

RoHS
2002/95/EC



ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

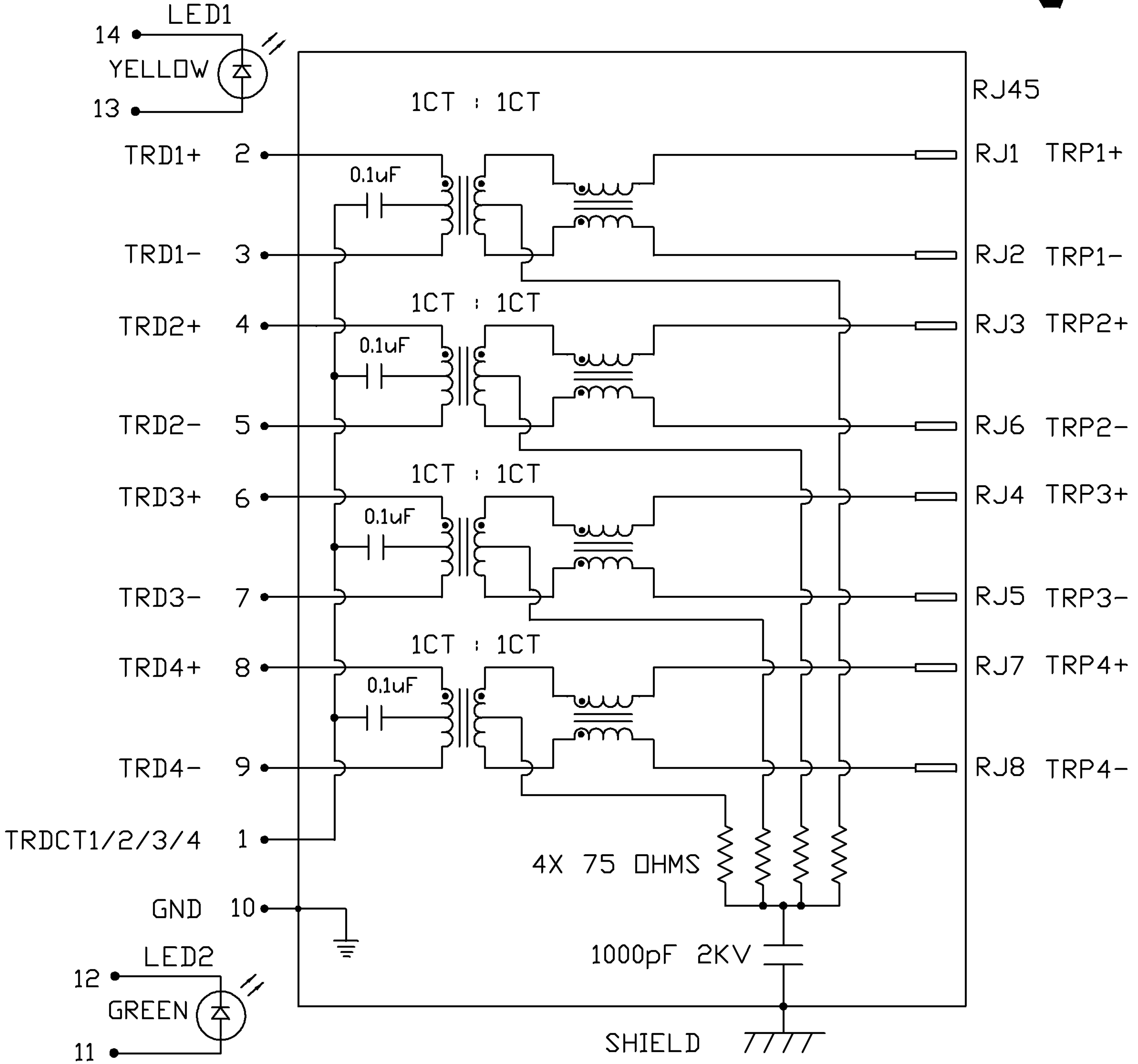
TP1	1CT : 1CT ±2%
TP2	1CT : 1CT ±2%
TP3	1CT : 1CT ±2%
TP4	1CT : 1CT ±2%
QCL @ 100kHz/100mVRMS	
8mA DC BIAS	350μH MIN.
INS. LOSS	
100KHz TO 100MHZ	-1.1 dB MAX
RET. LOSS (MIN)	
0.5MHz-40MHz	-18 dB
40MHz-100MHZ	-12+20LOG(f/80MHz) dB
CROSS TALK:	
1MHz - 60MHz	-35 dB MIN
60MHz - 100MHz	-25 dB MIN
CM TO CM REJ	
100kHz - 100MHZ	-30 dB MIN
CM TO DM REJ	
100kHz - 100MHZ	-35 dB MIN
HIPOT (Isolation Voltage):	1500 Vrms
100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS.	

LED 1

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

LED 2

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



ORIGINATED BY DATE
CHOW WANCHUNG 11-10-08

DRAWN BY DATE
LI YONGFENG 11-10-08

TITLE
Gigabit MagJack®
WITH LED

PART NO. / DRAWING NO.
SI-61016-F
FILE NAME
SI-61016-F_A.DWG

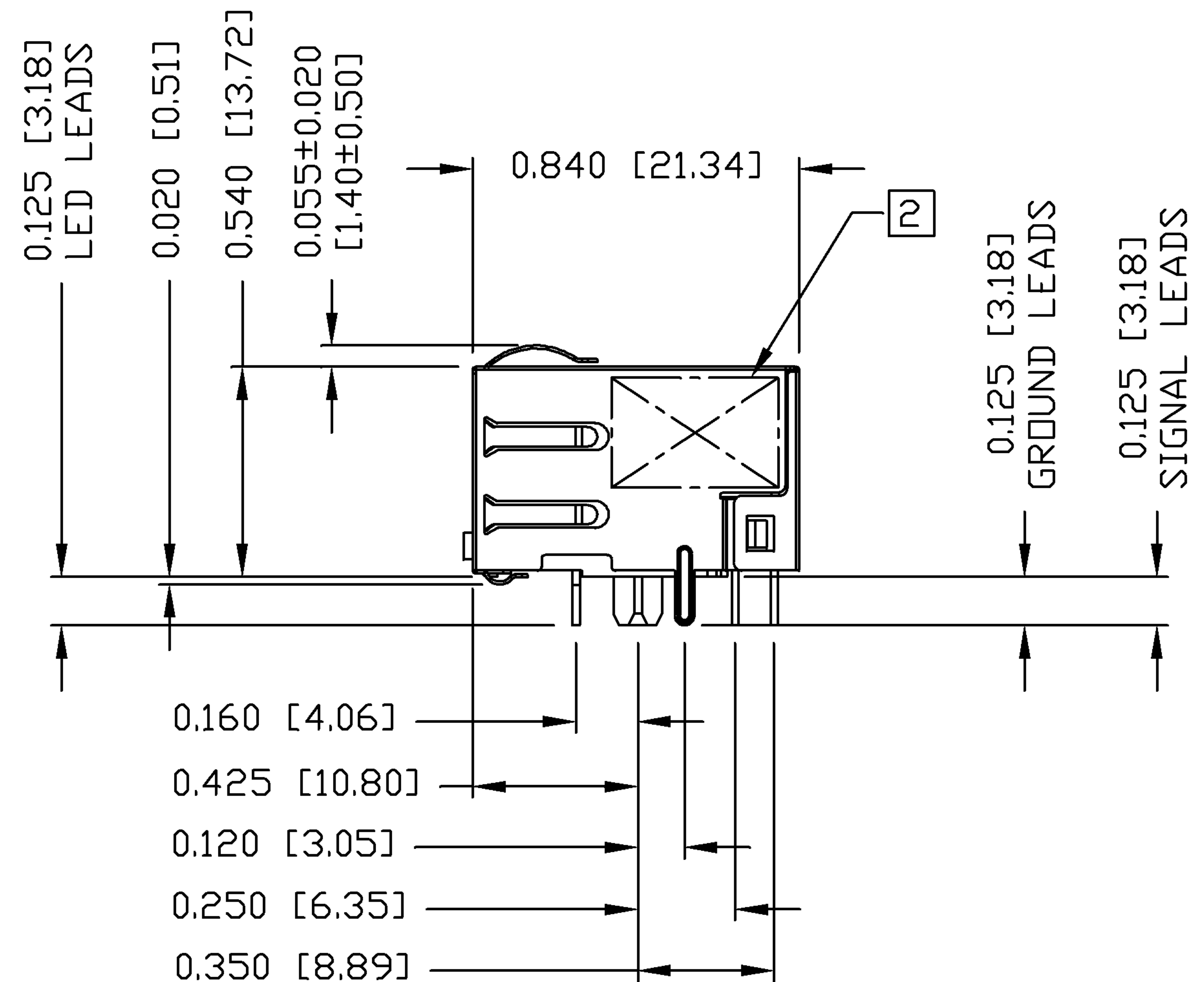
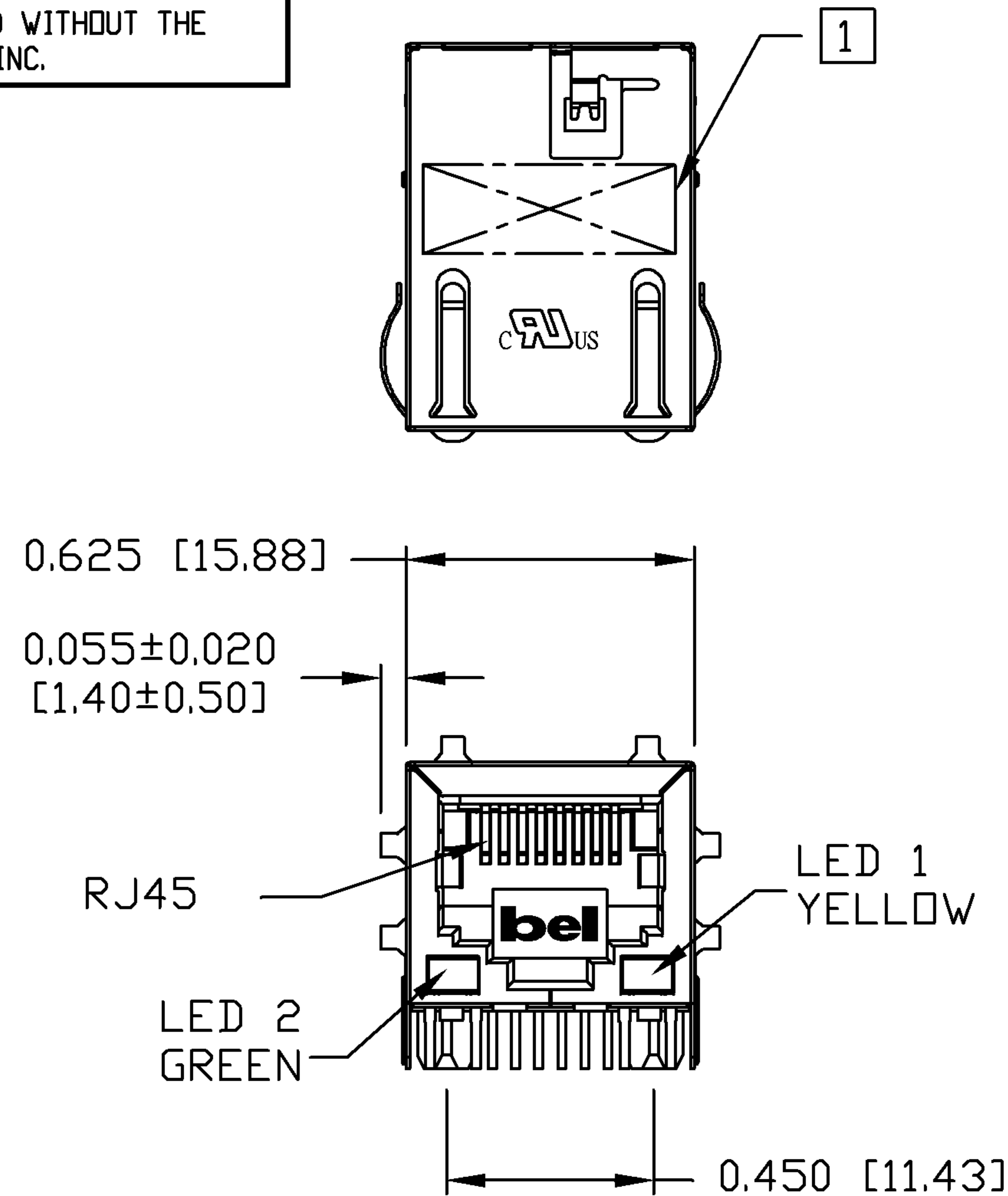
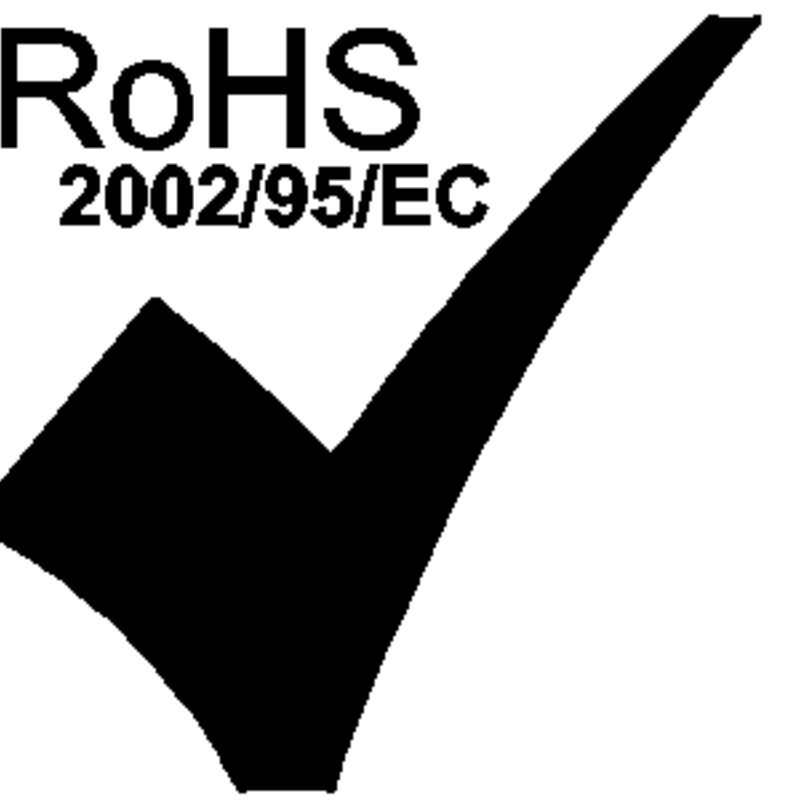
STANDARD DIM.
TOL. IN INCH
.X
.XX
.XXX

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

bel
COMPONENTS FOR A
CONNECTED
PLANET

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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)

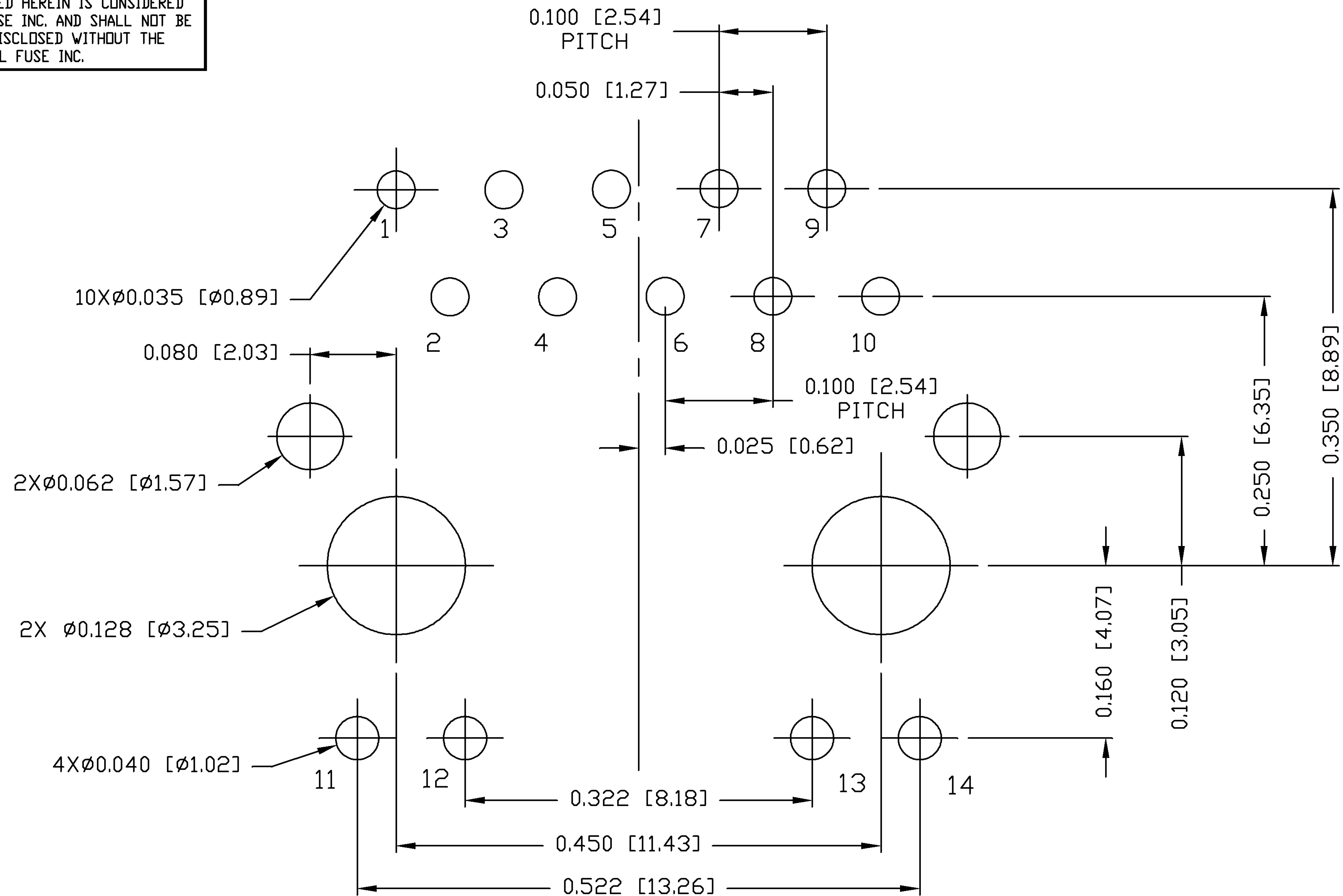
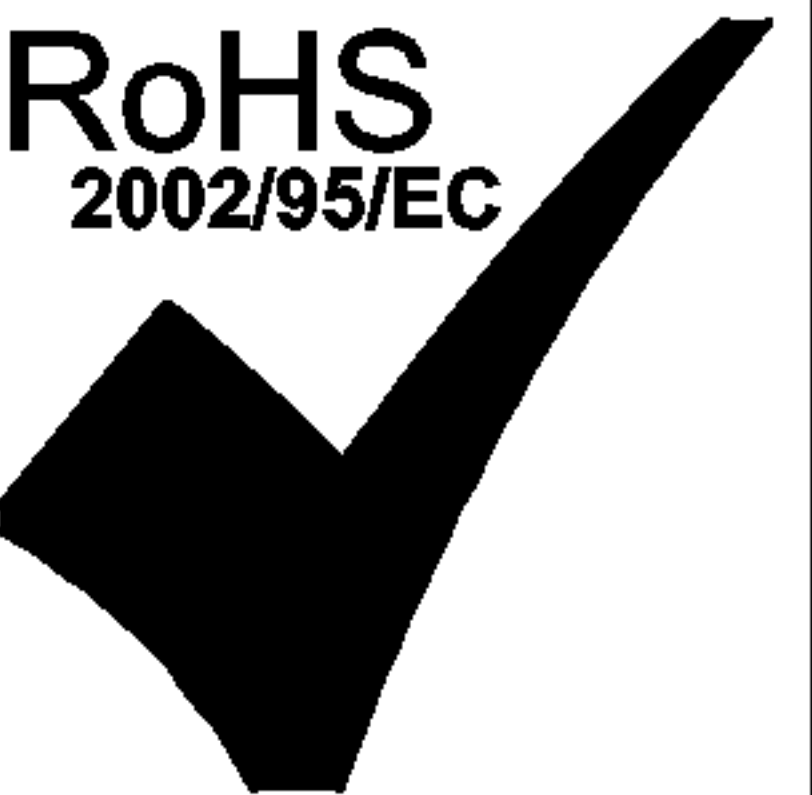
- 1 MARK PART WITH MFG PART NUMBER(SI-61016-F), DATE CODE.
2 MARK PART WITH MFG LOGO, MFG NAME.
3. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS
4. RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.

c  US UL RECOGNIZED - FILE #E132408.

ORIGINATED BY HUANG ZHUOXIN	DATE 11-10-08	TITLE Gigabit MagJack® WITH LED	PART NO. / DRAWING NO. SI-61016-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		bel COMPONENTS FOR A CONNECTED PLANET
DRAWN BY LU XUEPING	DATE 11-10-08		FILE NAME SI-61016-F_A.DWG	.X		UNIT : INCH [mm]	REV. : A	
				.XX		SCALE : N/A	SIZE : A4	
				.XXX	±0.010		PAGE : 3	

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RoHS
2002/95/EC



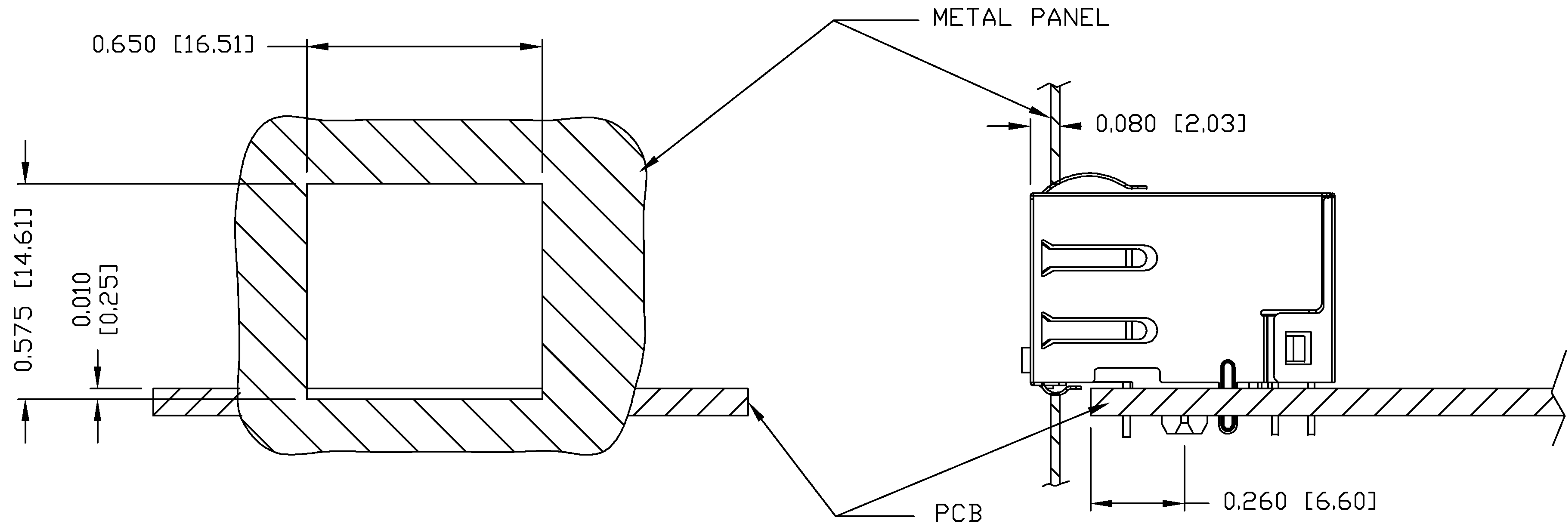
RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW

ORIGINATED BY HUANG ZHUOXIN	DATE 11-10-08	TITLE Gigabit MagJack® WITH LED	PART NO. / DRAWING NO. SI-61016-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET	
DRAWN BY LU XUEPING	DATE 11-10-08		FILE NAME SI-61016-F_A.DWG	.X		UNIT : INCH [mm]			REV. : A
				.XX		SCALE : N/A			SIZE : A4
				.XXX		±0.004			PAGE : 4

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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)

ORIGINATED BY	DATE	TITLE Gigabit MagJack® WITH LED	PART NO. / DRAWING NO.		STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
HUANG ZHUOXIN	11-10-08		SI-61016-F		TOL. IN INCH		UNIT : INCH [mm] REV. : A		
DRAWN BY	DATE		FILE NAME		.X		SCALE : N/A SIZE : A4		
LU XUEPING	11-10-08		SI-61016-F_A.DWG		.XX		PAGE : 5		
					.XXX ±0.004				