



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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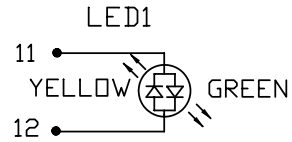
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LED1 POLARITY			LED2 POLARITY		
PIN 11	PIN 12	COLOR	PIN 13	PIN 14	COLOR
-	+	YELLOW	-	+	YELLOW
+	-	GREEN	+	-	GREEN



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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.

DC RESISTANCE:

(RJ1-RJ2);(RJ3-RJ6)	1.4 ohms Max.
(RJ4-RJ5);(RJ7-RJ8)	1.4 ohms Max.

INS. LOSS

100KHz TO 100MHz -1.1 dB MAX

RET. LOSS (MIN)

1MHz-30MHz	-18 dB
30MHz-100MHz	-12+20LOG(f/80MHz) dB

CROSS TALK:

1MHz - 60MHz	-35 dB MIN
60Hz - 100MHz	-25 dB MIN

CM TO CM REJ

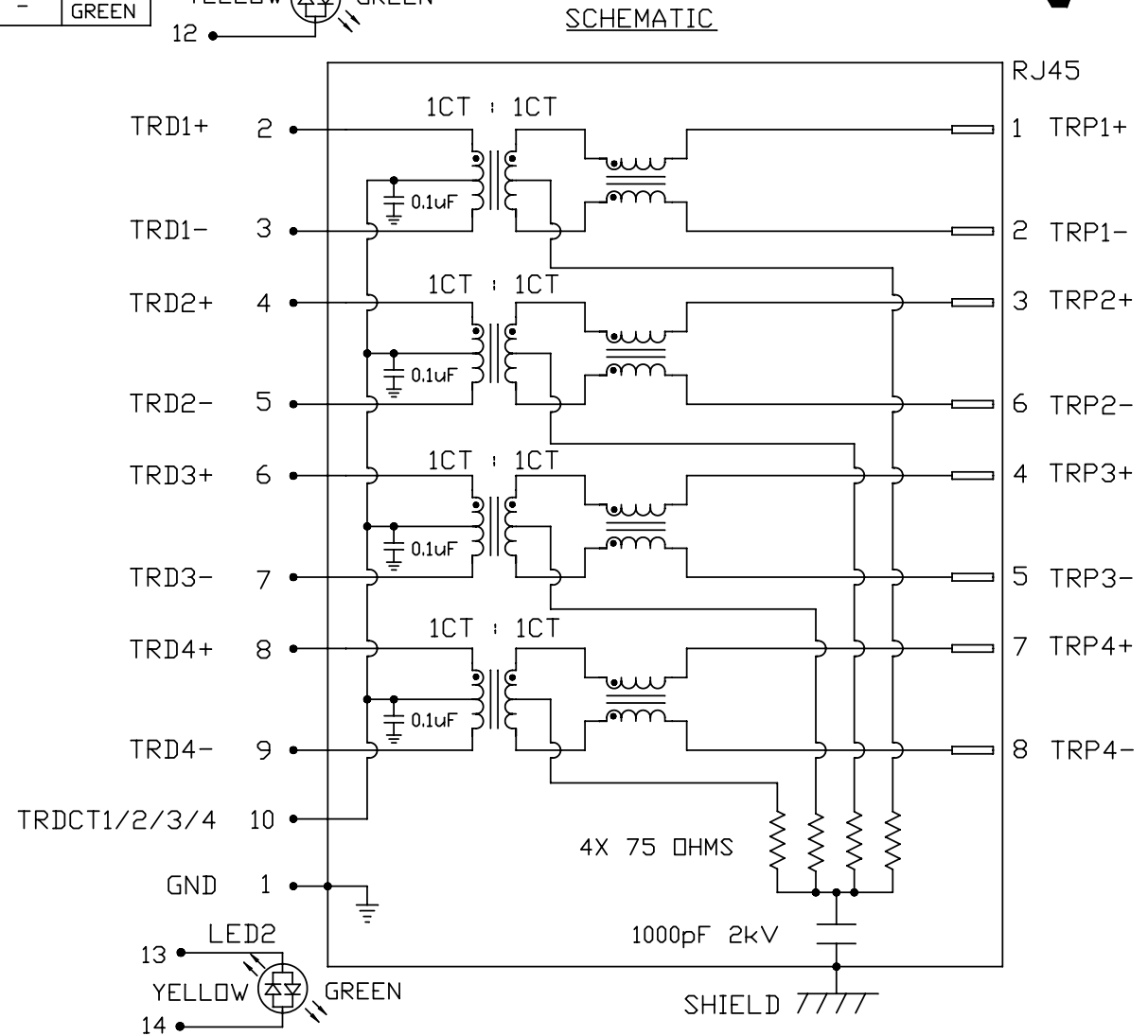
100kHz - 100MHz -35 dB MIN

HIPOT (Isolation Voltage): 1500 Vrms

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

LED 1 AND LED 2

VF (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
		YELLOW	2.1V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA	GREEN	565nm TYP.
		YELLOW	590nm TYP.



ORIGINATED BY DATE
CHOW WANCHUNG 2012-05-05

TITLE
Gigabit MagJack®
WITH LED
PATENTED

PART NO. / DRAWING NO.
SI-61008-F

FILE NAME
SI-61008-F_B.DWG

STANDARD DIM.
TOL. IN INCH

.X	
.XX	
.XXX	

[] METRIC DIM. AS REFERENCE

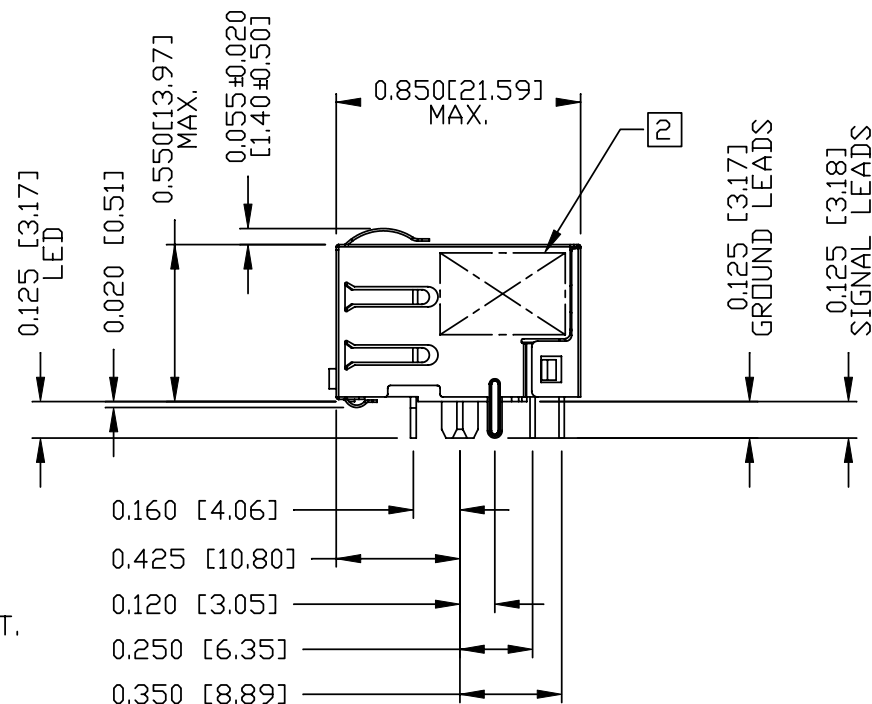
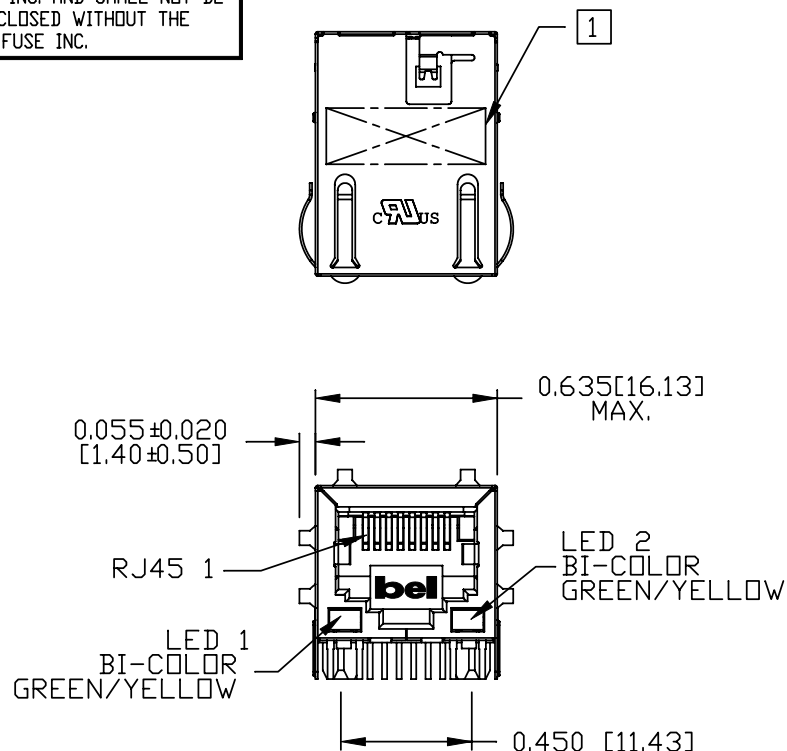
UNIT : INCH [mm]	REV. : B
SCALE : N/A	SIZE : A4
	PAGE : 2

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 OR EQUIVALENT.
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-61008-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 RoHS COMPLIANT.

5. THE PRODUCT IS PATENTED. THE PATENT NUMBER ARE
U.S. PAT. 5,736,910 AND U.S. PAT.6,840,817.

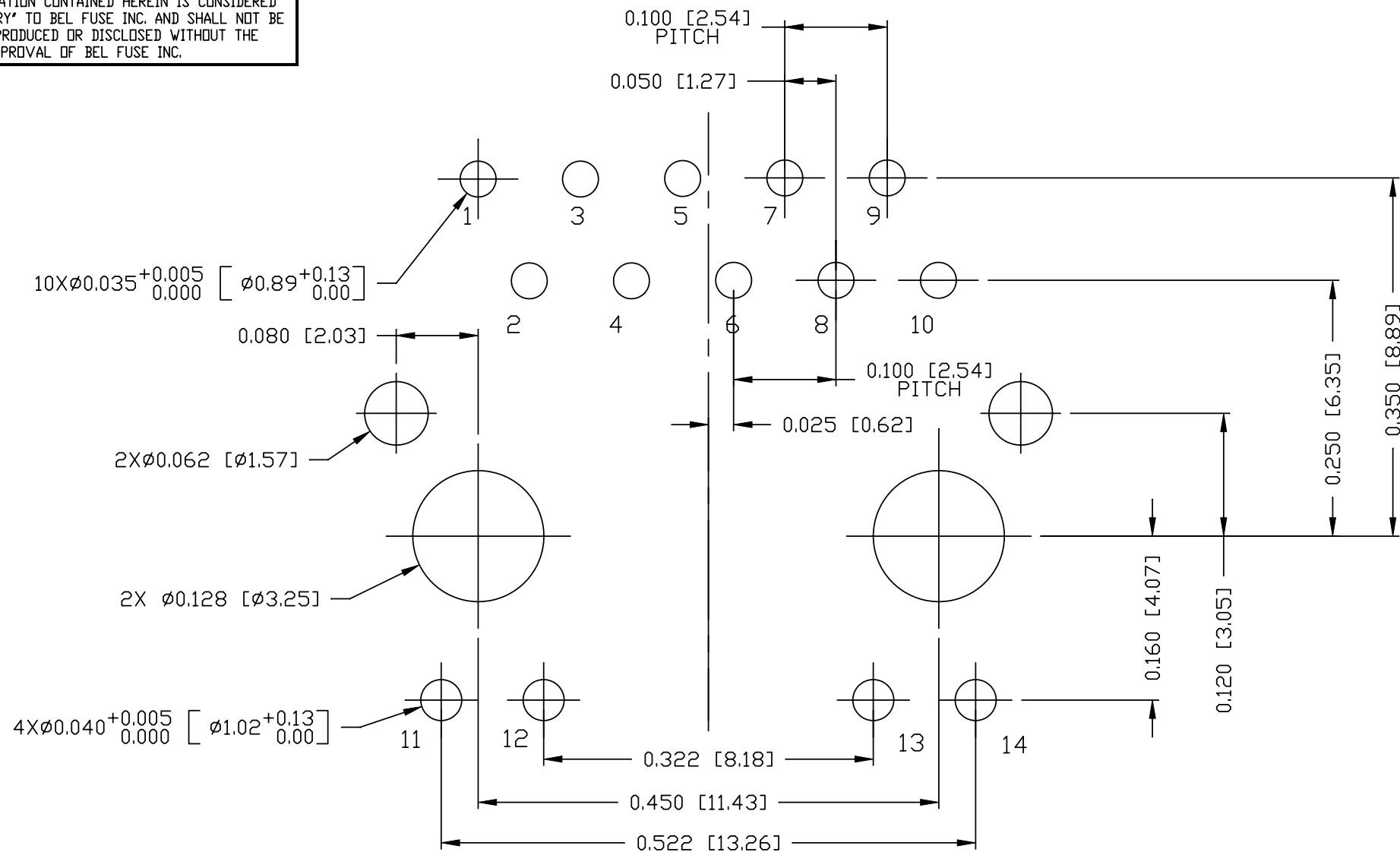
c us UL RECOGNIZED - FILE #E132408.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE	
				TOL. IN INCH		UNIT : INCH [mm]	REV. : B
ANTON LIAO	2012-05-05	Gigabit MagJack® WITH LED PATENTED	SI-61008-F	.X		SCALE : N/A	SIZE : A4
DRAWN BY	DATE			.XX			PAGE : 3
WU MEIHENG	2012-05-05			.XXX	±0.010		



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RECOMMENDED PCB FOOTPRINT
 COMPONENT SIDE VIEW

ORIGINATED BY ANTON LIAO	DATE 2012-05-05	TITLE Gigabit MagJack® WITH LED PATENTED	PART NO. / DRAWING NO. SI-61008-F		STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE	
			FILE NAME SI-61008-F_B.DWG		.X		UNIT : INCH [mm]	REV. : B
DRAWN BY WU MEIHENG	DATE 2012-05-05				.XX		SCALE : N/A	SIZE : A4
					.XXX	±0.004		PAGE : 4

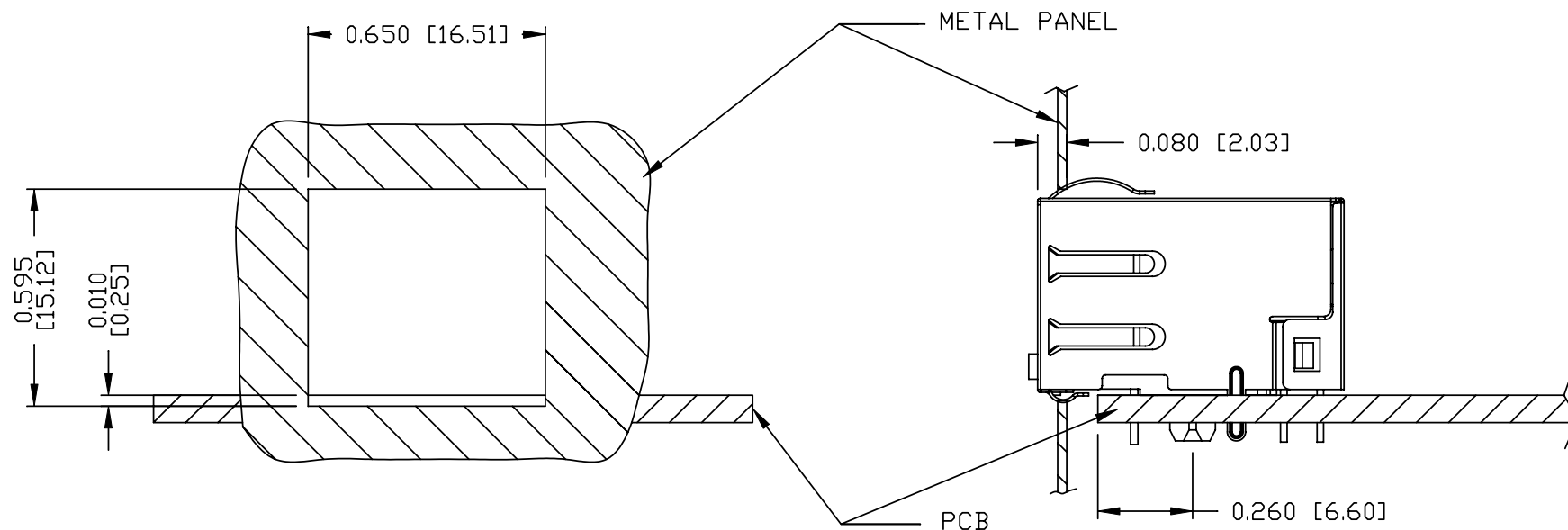
bel
 COMPONENTS FOR A
 CONNECTED
 PLANET

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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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				TOL. IN INCH		UNIT : INCH [mm]	REV. : B
ANTON LIAO	2012-05-05	Gigabit MagJack® WITH LED PATENTED	SI-61008-F	.X		SCALE : N/A	SIZE : A4
DRAWN BY	DATE		FILE NAME	.XX		PAGE : 5	
WU MEIHENG	2012-05-05		SI-61008-F_B.DWG	.XXX	±0.004		

