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LED1 POLARITY			LED2 POLARITY		
PIN 13	PIN 14	COLOR	PIN 15	PIN 16	COLOR
-	+	GREEN	-	+	GREEN
+	-	YELLOW			



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.
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INS. LOSS

0.1MHz TO 1MHz	-1.1 dB MAX
1MHz TO 65MHz	-0.5 dB MAX
65MHz TO 100MHz	-0.8 dB MAX
100MHz TO 125MHz	-1.2 dB MAX

RET. LOSS (MIN)

0.5MHz-40MHz	-18 dB
40MHz-100MHz	-12+20LOG(f/80MHz) dB

Cross Talk

Ch1-Ch2, Ch2-Ch3, Ch3-Ch4	
Ch4-Ch1, Ch2-Ch4, Ch3-Ch1	
1MHz - 30MHz	-37dB MIN
30MHz - 80MHz	-29dB MIN
80MHz - 100MHz	-28dB MIN

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

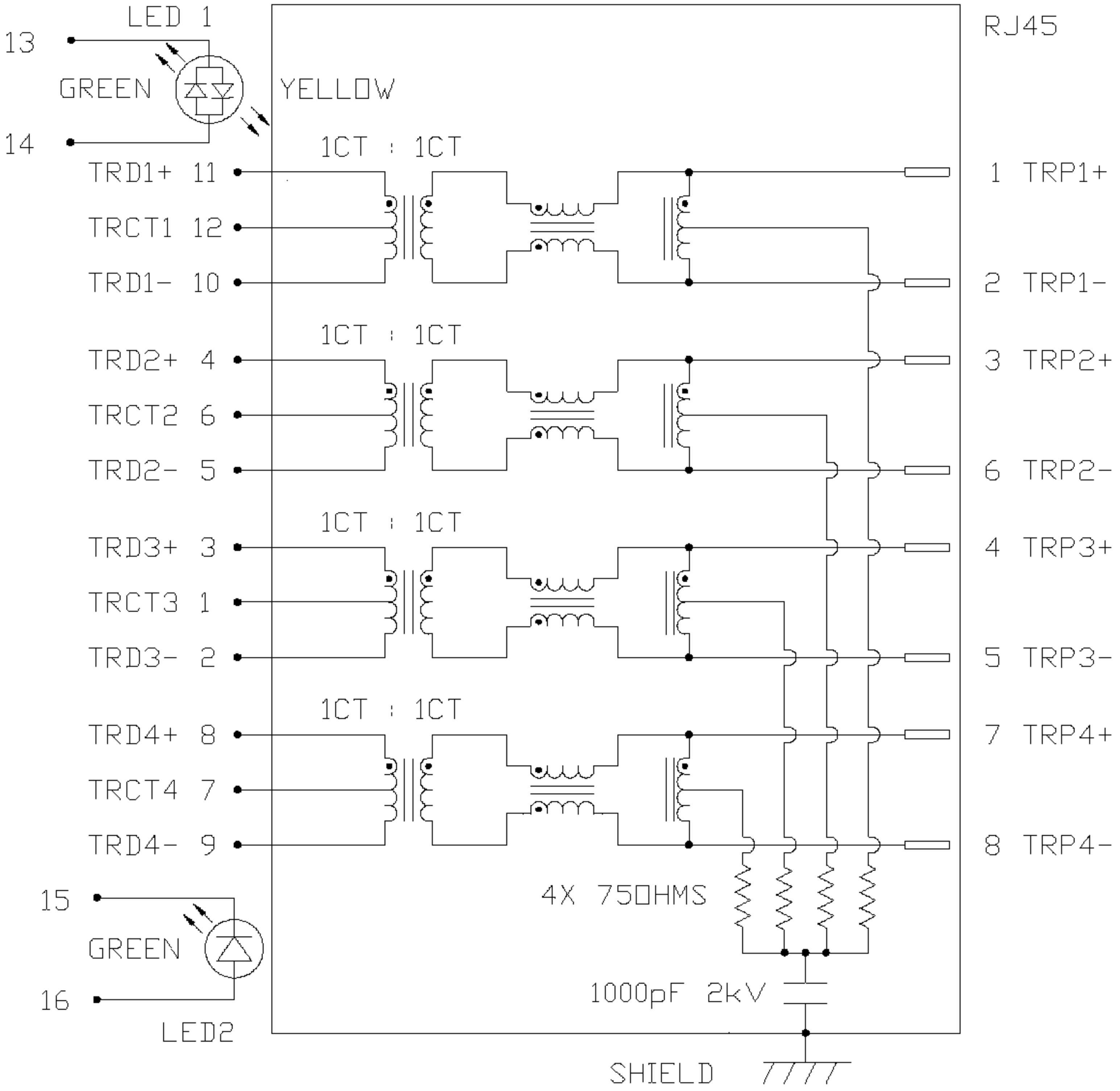
LED 1

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

LED 2

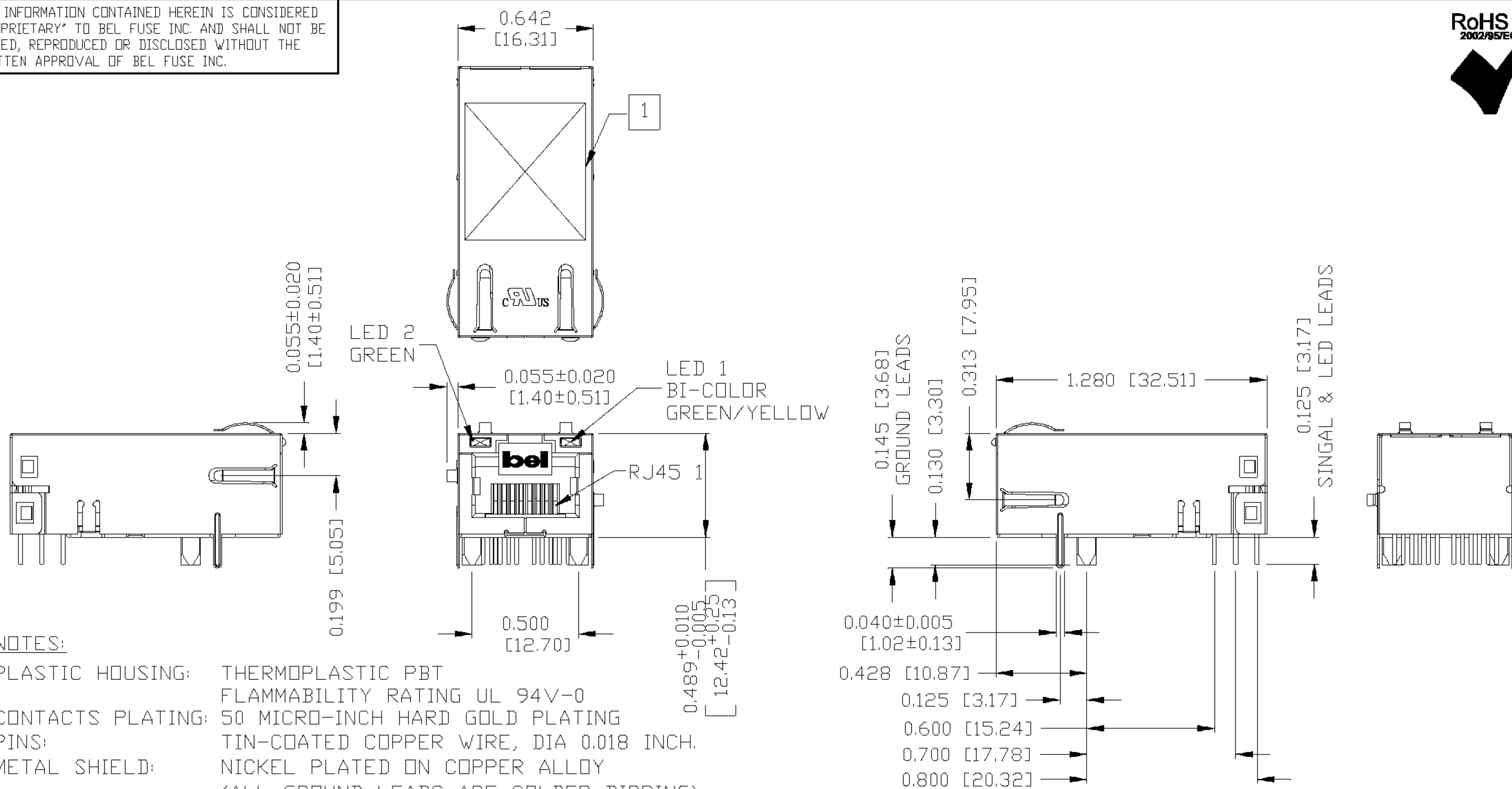
VF (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA	GREEN	565nm TYP.

SCHEMATIC



ORIGINATED BY	DATE	TITLE gigabit MagJack® (Low Profile, 12 cores) L826-1L1T-23-F	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
WC CHUNG	06-30-07		L8261L1T23-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : A	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
WEI DE LEE	06-30-07		L8261L1T23-F_A.DWG	.XX				
				.XXX				

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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 DIPPING)

- [1] MARK PART WITH MFG. LOGO; MFG. NAME; PART NUMBER; DATE CODE.
 JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.
 RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.

UL UL RECOGNIZED - FILE #E196366 AND E169987.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE	
				TOL. IN INCH		UNIT : INCH [mm]	REV. : A
LIU QIN	06-30-07	gigabit MagJack® (Low Profile, 12 cores) L826-1L1T-23-F	L8261L1T23-F	.X		SCALE : N/A	SIZE : A4
DRAWN BY	DATE			.XX			
CHEN TING	06-30-07			.XXX	±0.010		PAGE : 3



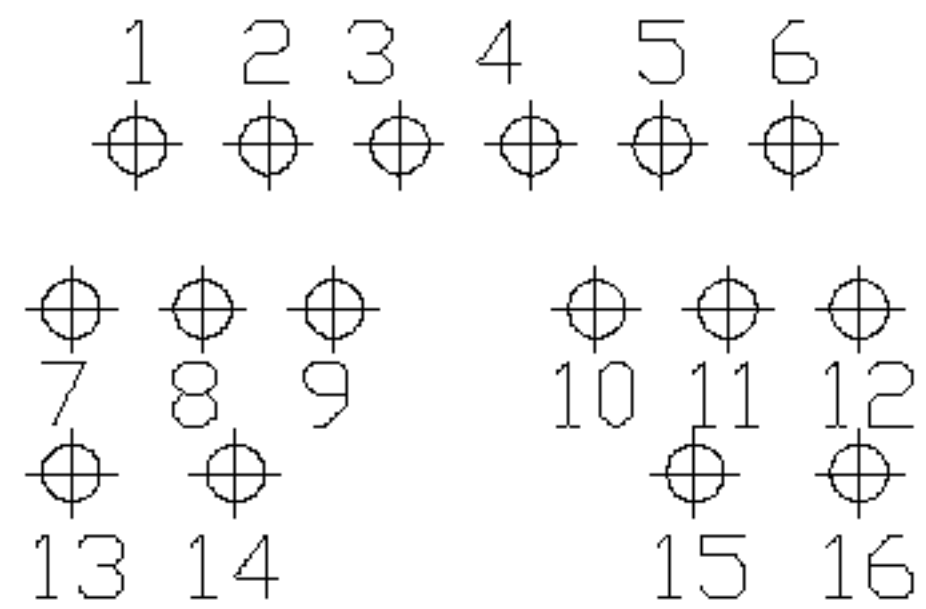
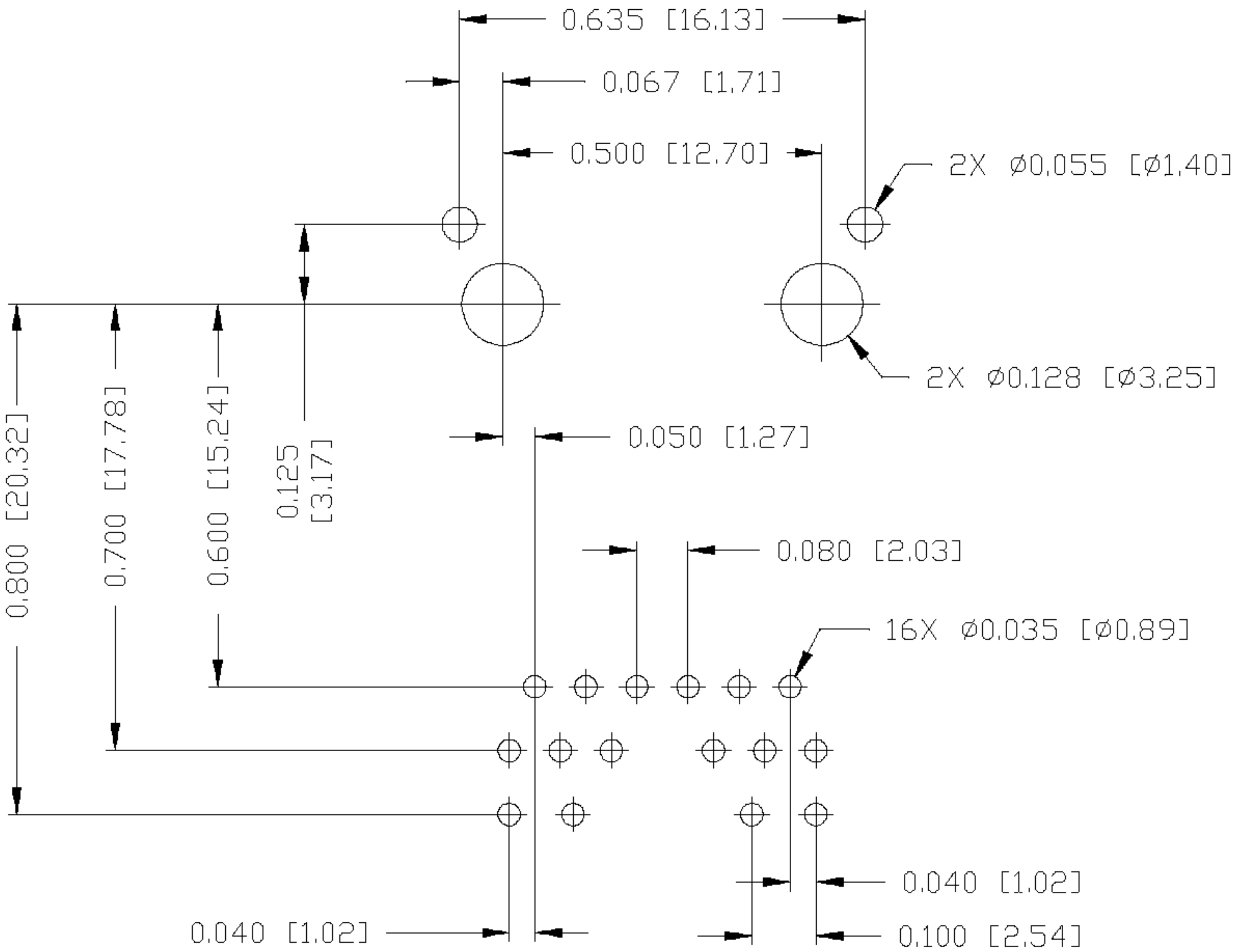
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RoHS
2002/95/EC



RECOMMENDED PCB FOOTPRINT

(COMPONENT SIDE VIEW)



ORIGINATED BY	DATE
LIU QIN	06-30-07
DRAWN BY	DATE
CHEN TING	06-30-07

TITLE
gigabit MagJack® (Low Profile, 12 cores) L826-1L1T-23-F

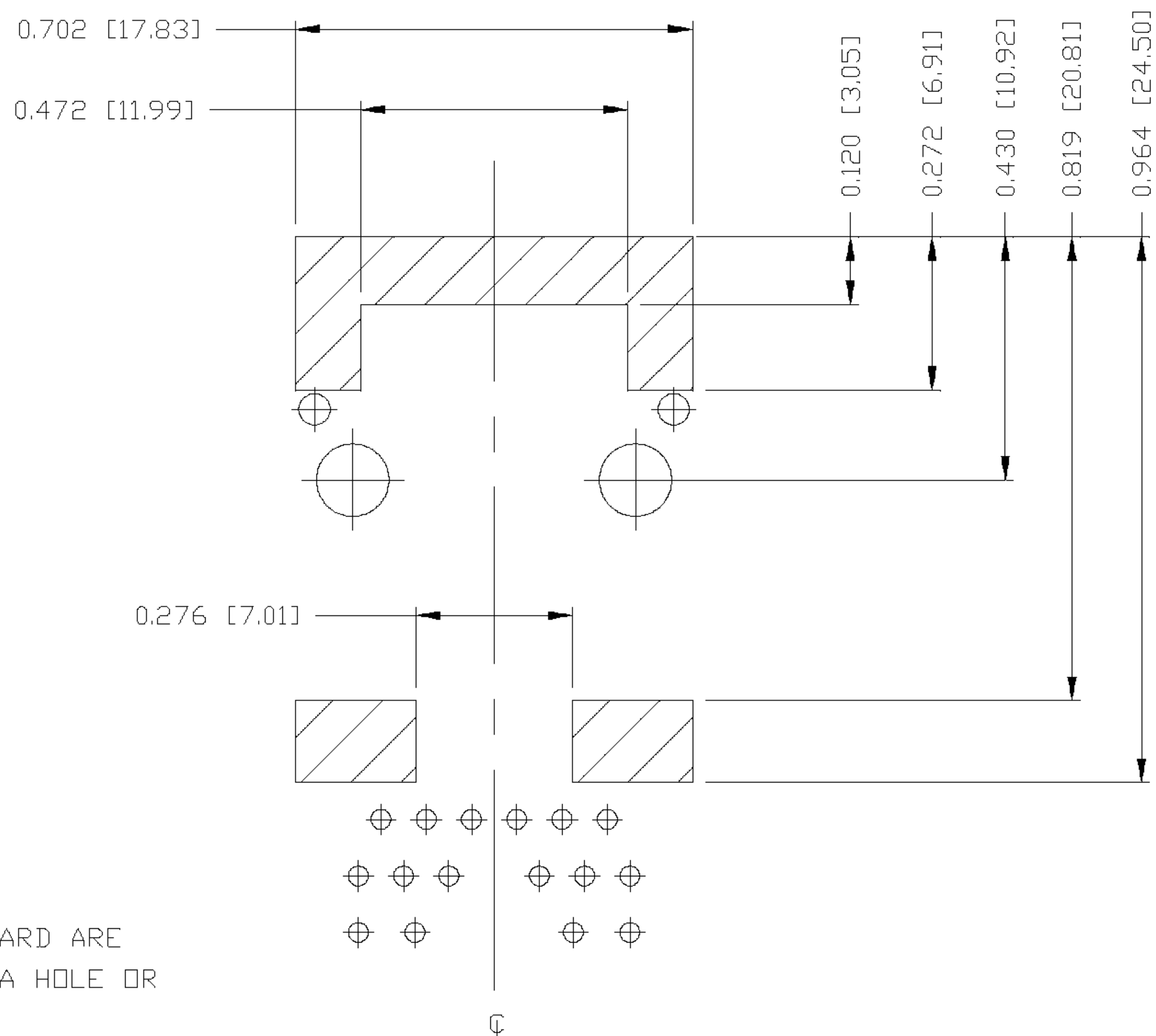
PART NO. / DRAWING NO.
L8261L1T23-F
FILE NAME
L8261L1T23-F_A.DWG

STANDARD DIM.
TOL. IN INCH
.X
.XX
.XXX
±0.004

[] METRIC DIM. AS REFERENCE
UNIT : INCH [mm]
SCALE : N/A
REV. : A
SIZE : A4
PAGE : 4

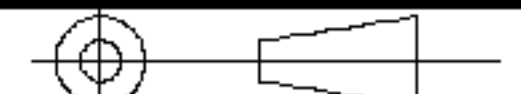


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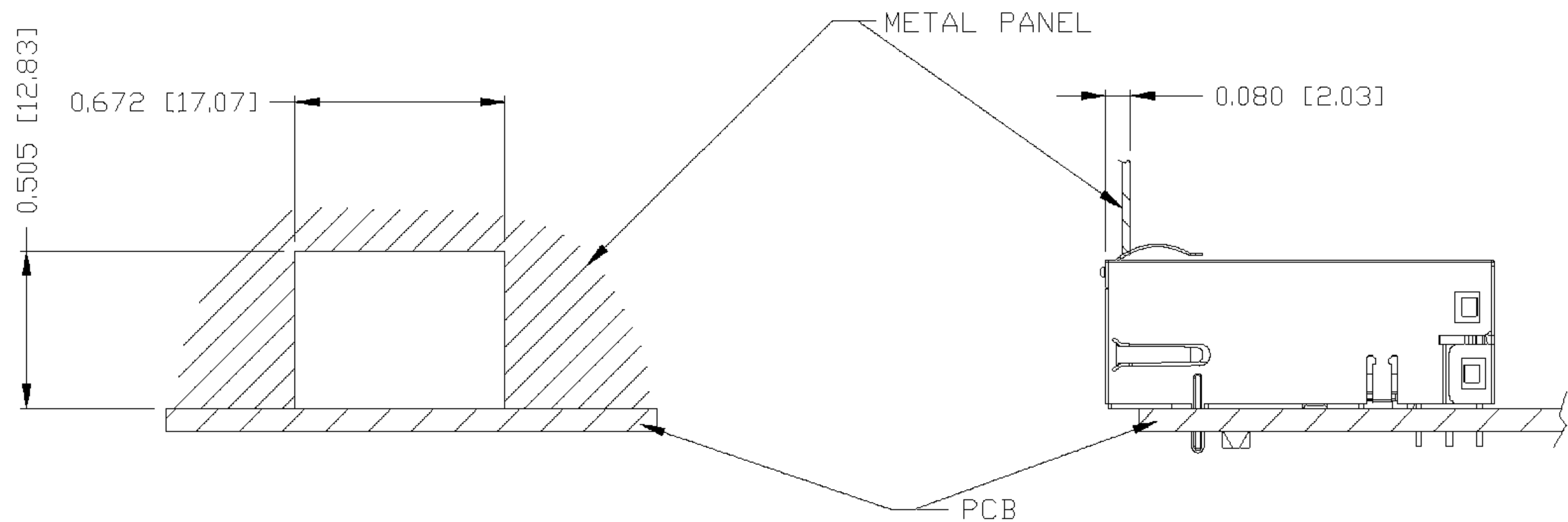
THE SHADED AREA ON THE CUSTOMER BOARD ARE
RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR
COMPONENT PAD.

ORIGINATED BY LIU QIN	DATE 06-30-07	TITLE gigabit MagJack® (Low Profile, 12 cores) L826-1L1T-23-F	PART NO. / DRAWING NO. L8261L1T23-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
DRAWN BY CHEN TING	DATE 06-30-07		FILE NAME L8261L1T23-F_A.DWG	.X		UNIT : INCH [mm]	REV. : A	
				.XX		SCALE : N/A	SIZE : A4	
				.XXX	±0.004		PAGE : 5	

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SUGGESTED PANEL OPENING



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-D6 (TOP)
0200-9999-D7 (BOTTOM)

PACKING QUANTITY: 40 PCS FINISHED GOODS PER TRAY
11 TRAYS (440 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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			FILE NAME L8261L1T23-F_A.DWG	.X		UNIT : INCH [mm]	REV. : A	
DRAWN BY CHEN TING	DATE 06-30-07			.XX		SCALE : N/A	SIZE : A4	
				.XXX	±0.004		PAGE : 6	