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

DELL ONLY



## ELECTRICAL CHARACTERISTICS @ 25°C

### URNS RATIO

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

### CL @ 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

### CM TO CM REJ

100kHz - 100MHz	-30 dB MIN
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### CM TO DM REJ

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

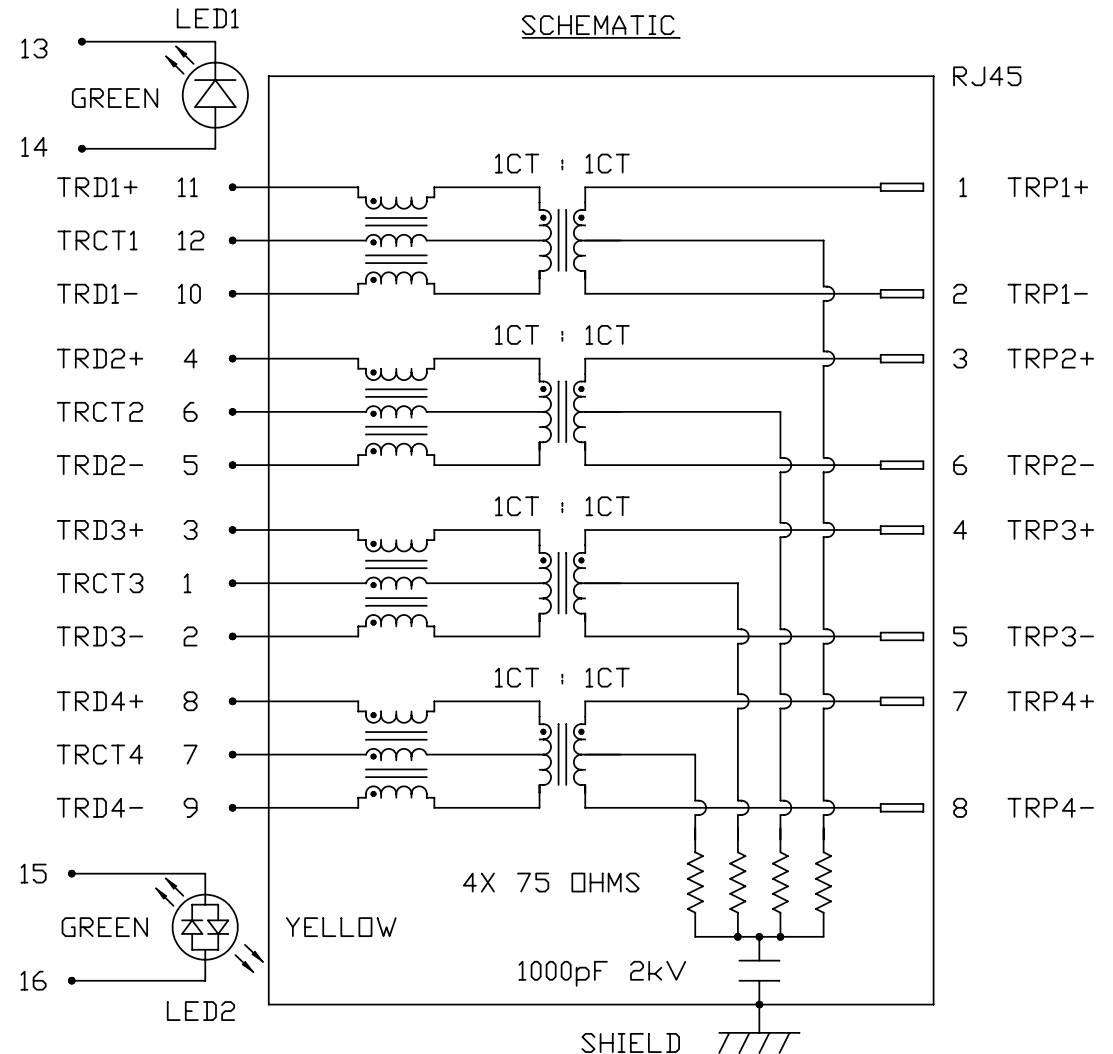
100% OF PRODUCTION TESTED TO COMPLY  
WITH IEEE 802.3 ISOLATION REQUIREMENTS

### LED 1

V <sub>F</sub> (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
λ <sub>D</sub> (DOMINANT WAVELENGTH)	IF=20mA	GREEN	565nm TYP.

### LED 2

V <sub>F</sub> (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
λ <sub>D</sub> (DOMINANT WAVELENGTH)	IF=20mA	YELLOW	2.1V TYP.
		GREEN	565nm TYP.
		YELLOW	590nm TYP.



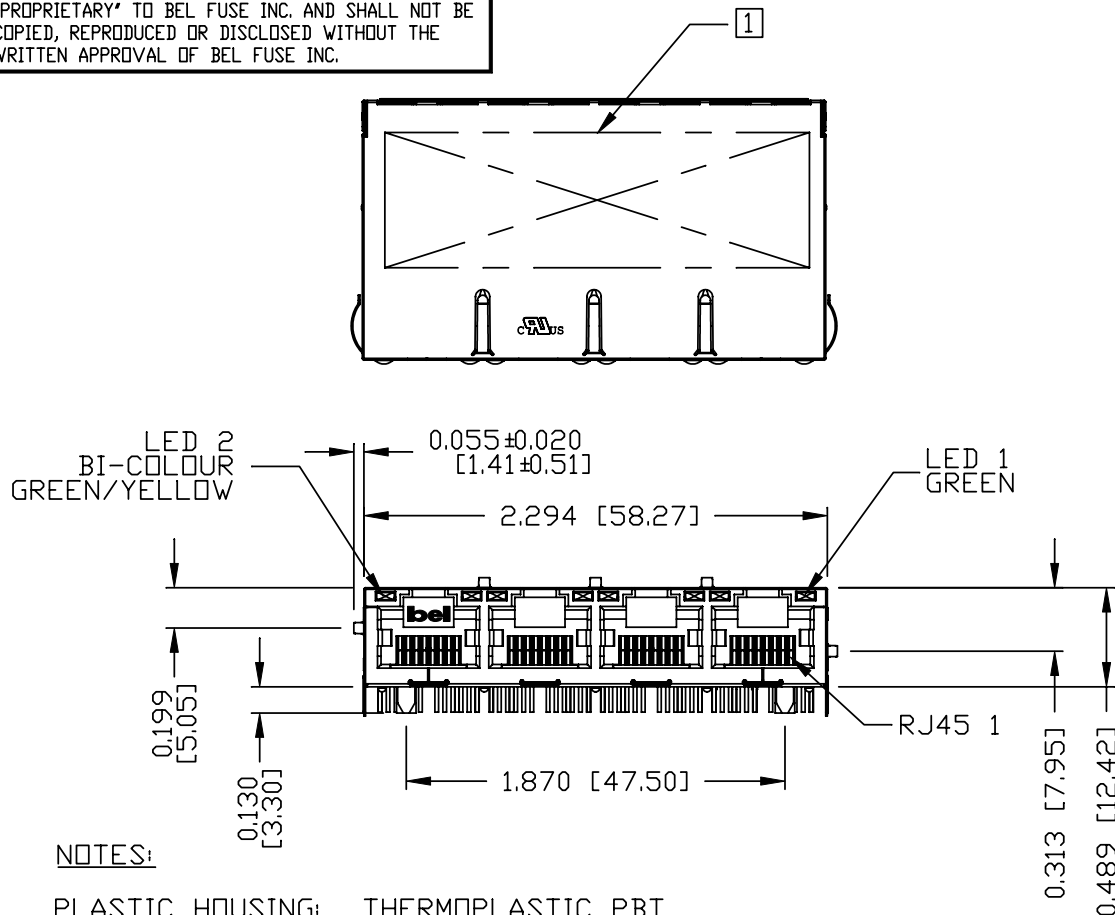
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[ ] METRIC DIM. AS REFERENCE
CHOW WANCHUNG	05-28-10	gigabit MagJack® (8 cores, Tab Up) L826-1K4T-43-F	L8261K4T43-F	.X	UNIT : INCH [mm]
DRAWN BY	DATE			.XX	REV. : PB
LEE WEIDE	05-28-10			.XXX	SCALE : N/A
					SIZE : A4
					PAGE : 2



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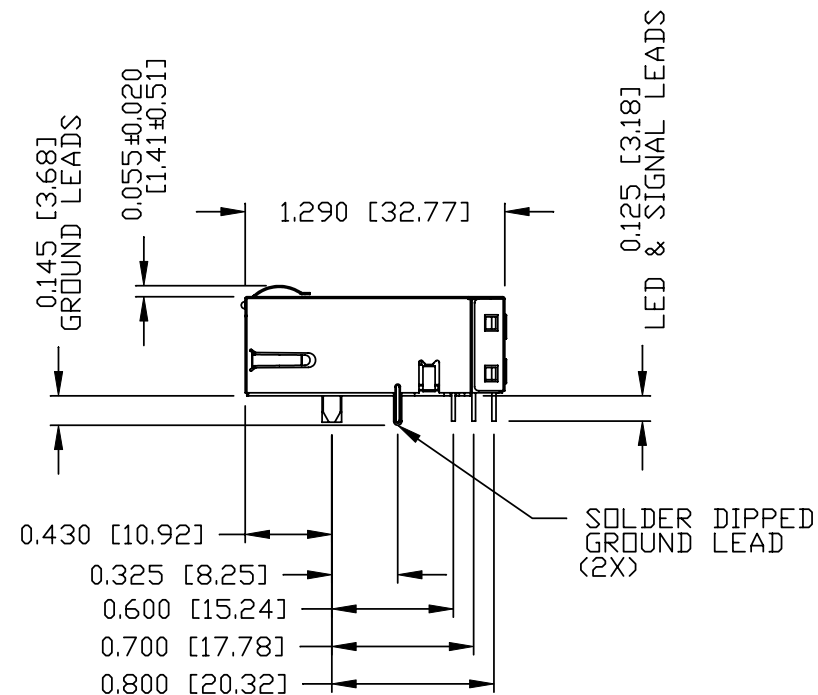
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NOTES:

PLASTIC HOUSING: THERMOPLASTIC PBT  
FLAMMABILITY RATING UL 94V-0  
CONTACTS PLATING: 50 MICRO-INCH HARD GOLD PLATED  
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 LOGO, MFG NAME, PART NUMBER  
DATE CODE AND PATENTED.



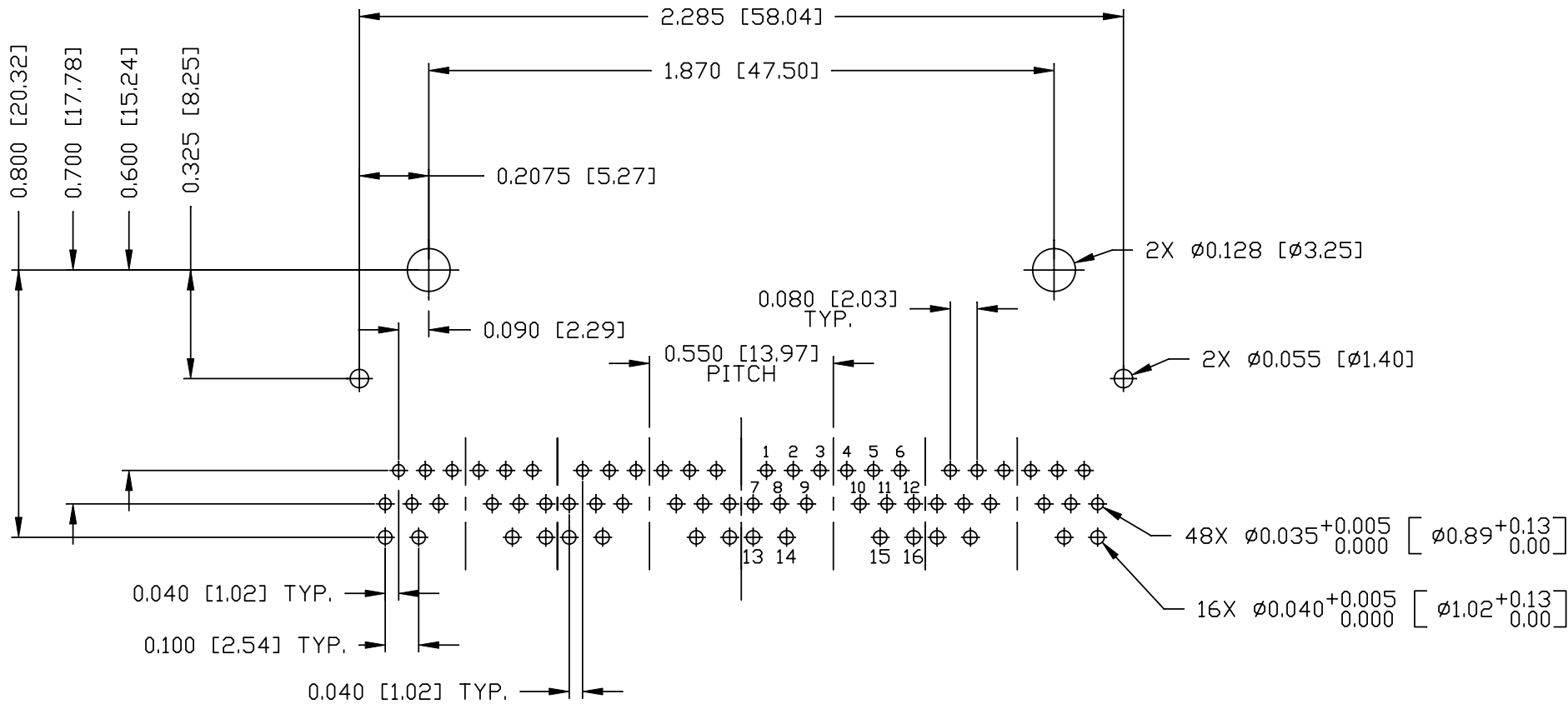
2. RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.  
cULus UL RECOGNIZED - FILE #E196366 AND E169987.  
JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.
3. THE PRODUCT IS PATENT PRODUCT. THE PATENT  
NUMBER ARE U.S. PAT. 5,736,910 AND U.S. PAT.  
7,123,117.

ORIGINATED BY	DATE	TITLE  gigabit MagJack® (8 cores, Tab Up) L826-1K4T-43-F	PART NO. / DRAWING NO. L8261K4T43-F	STANDARD DIM. TOL. IN INCH	[ ] METRIC DIM. AS REFERENCE		<div> COMPONENTS FOR A CONNECTED PLANET</div>
ANTON LIAO	05-28-10		FILE NAME L8261K4T43-F_PB.DWG	.X	UNIT : INCH [mm]	REV. : PB	
DRAWN BY	DATE			.XX	SCALE : N/A	SIZE : A4	
SHAWN FENG	05-28-10			.XXX	 ±0.010	PAGE : 3	





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RECOMMENDED PCB FOOTPRINT  
(COMPONENT SIDE VIEW)

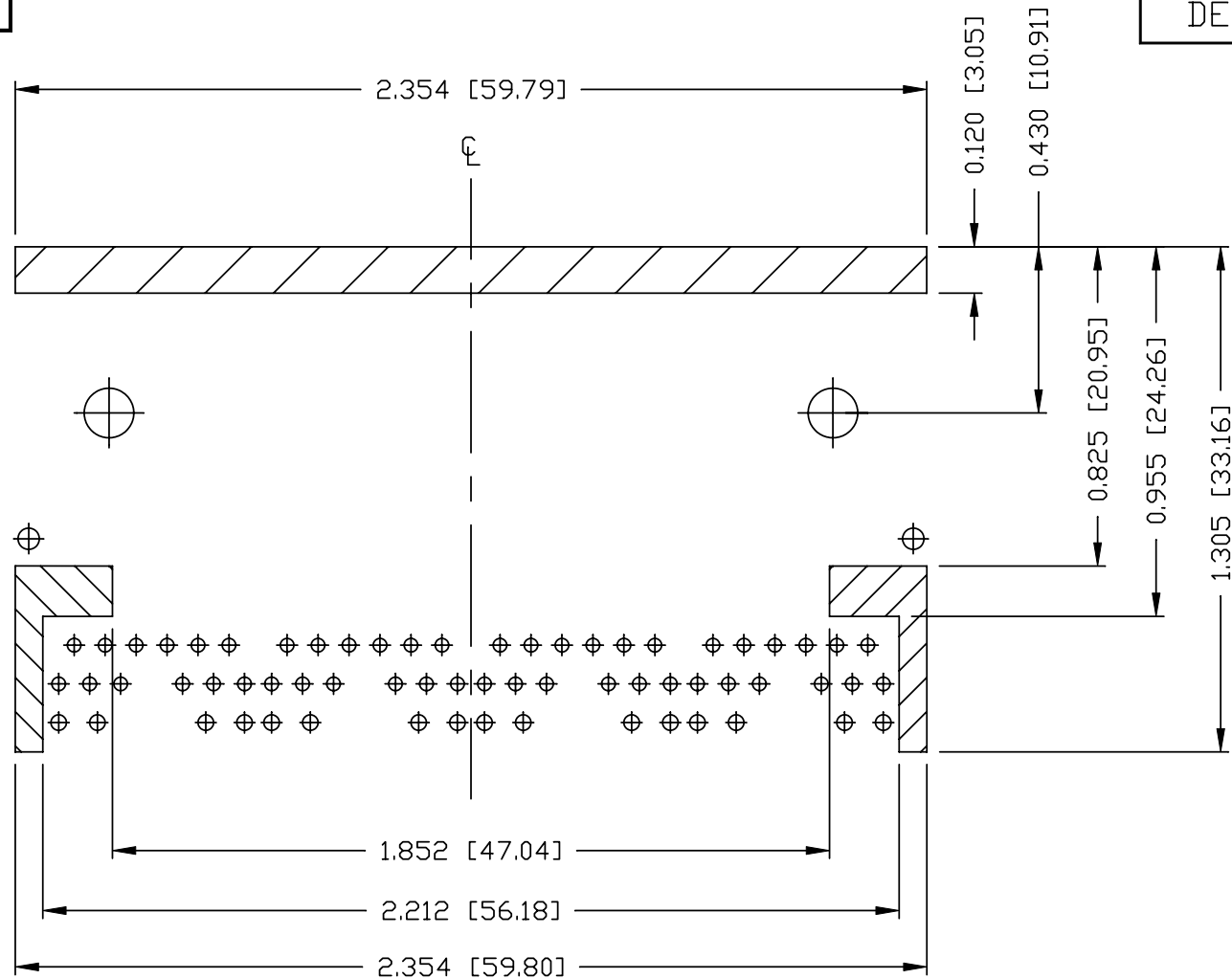
ORIGINATED BY		DATE	TITLE gigabit MagJack® (8 cores, Tab Up) L826-1K4T-43-F	PART NO. / DRAWING NO.		STANDARD DIM.		[ ] METRIC DIM. AS REFERENCE			 <small>COMPONENTS FOR A CONNECTED PLANET</small>
ANTON LIAO		05-28-10		L8261K4T43-F		TOL. IN INCH		UNIT : INCH [mm]		REV. : PB	
DRAWN BY		DATE		FILE NAME		.X		SCALE : N/A		SIZE : A4	
SHAWN FENG		05-28-10		L8261K4T43-F_PB.DWG		.XX		PAGE : 4			
						.XXX					

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RoHS  
2002/95/EC




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#### NOTES

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

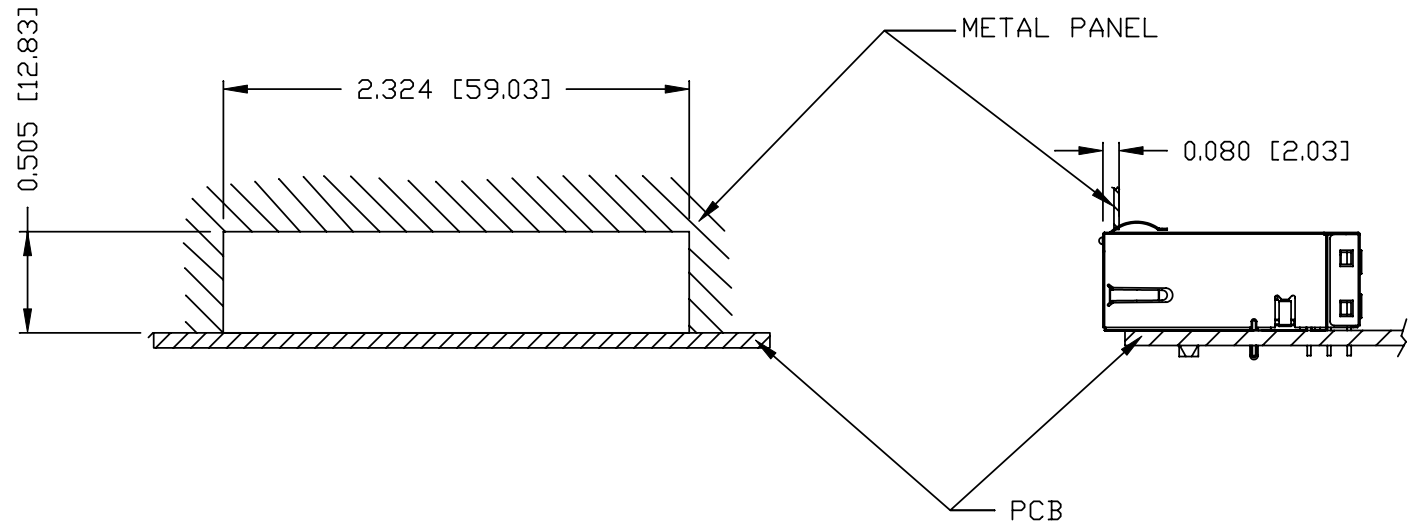
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[ ] METRIC DIM. AS REFERENCE		
				TOL. IN INCH		UNIT : INCH [mm]	REV. : PB	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
				.XX			PAGE : 5	
ANTON LIAO	05-28-10	gigabit MagJack® (8 cores, Tab Up) L826-1K4T-43-F	L8261K4T43-F	.XXX	±0.004			
SHAWN FENG	05-28-10							

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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-D3 (TOP)  
0200-9999-B5 (BOTTOM)

PACKING QUANTITY: 24 PCS FINISHED GOODS PER TRAY  
10 TRAYS (240PCS FINISHED GOODS) PER CARTON BOX

REMARK : CARDBOARDS ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX.  
(INCLUDE THE UPPERMOST AND LOWERMOST TRAY)

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[ ] METRIC DIM. AS REFERENCE		
ANTON LIAO	05-28-10	gigabit MagJack® (8 cores, Tab Up) L826-1K4T-43-F	L8261K4T43-F	TOL. IN INCH	UNIT : INCH [mm]	REV. : PB	 COMPONENTS FOR A CONNECTED PLANET
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4	
SHAWN FENG	05-28-10		L8261K4T43-F_PB.DWG	.XX		PAGE : 6	
				.XXX	±0.004		