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

RoHS
2002/95/EC

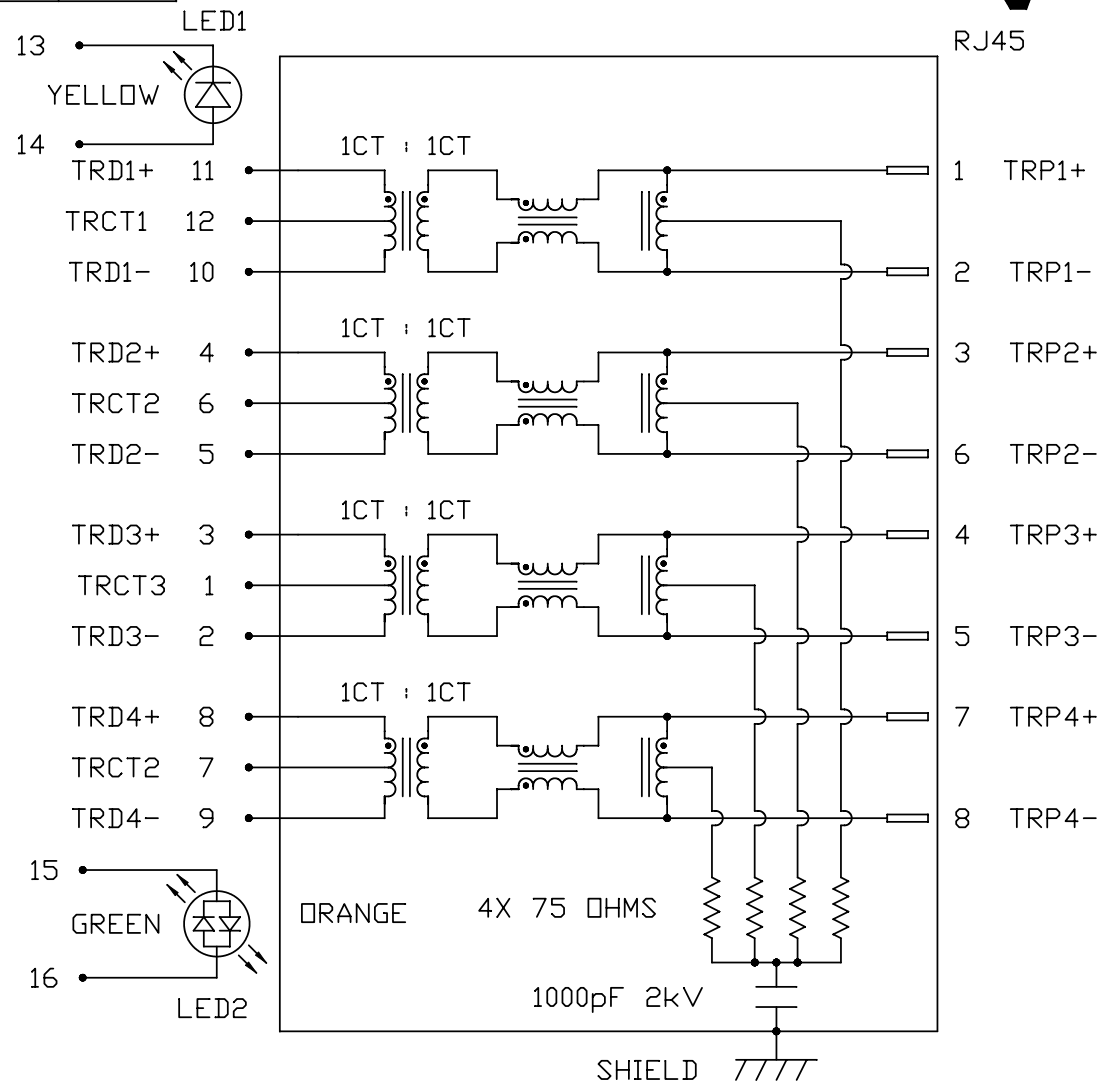
RJ45

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TP1	1CT : 1CT ±2%
TP2	1CT : 1CT ±2%
TP3	1CT : 1CT ±2%
TP4	1CT : 1CT ±2%
OCL @ 100kHz/100mVRMS 8mA DC BIAS	350μH MIN.
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) @ 100 OHMS ±15% 0.5MHz-40MHz	-18 dB
40MHz-100MHz	-12+20LOG(f/80MHz) dB
CM TO CM REJ 100kHz - 100MHz	-30 dB MIN
CM TO DM REJ 100kHz - 100MHz	-35 dB MIN
HIPOT (Isolation Voltage): 100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS.	1500 Vrms

LED 1			
VF (FORWARD VOLTAGE)	IF=20mA	YELLOW	2.1V TYP.
λ D (DOMINANT WAVELENGTH)	IF=20mA	YELLOW	590nm TYP.
LED 2			
VF (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
		ORANGE	2.0V TYP.
λ D (DOMINANT WAVELENGTH)	IF=20mA	GREEN	565nm TYP.
		ORANGE	610nm TYP.

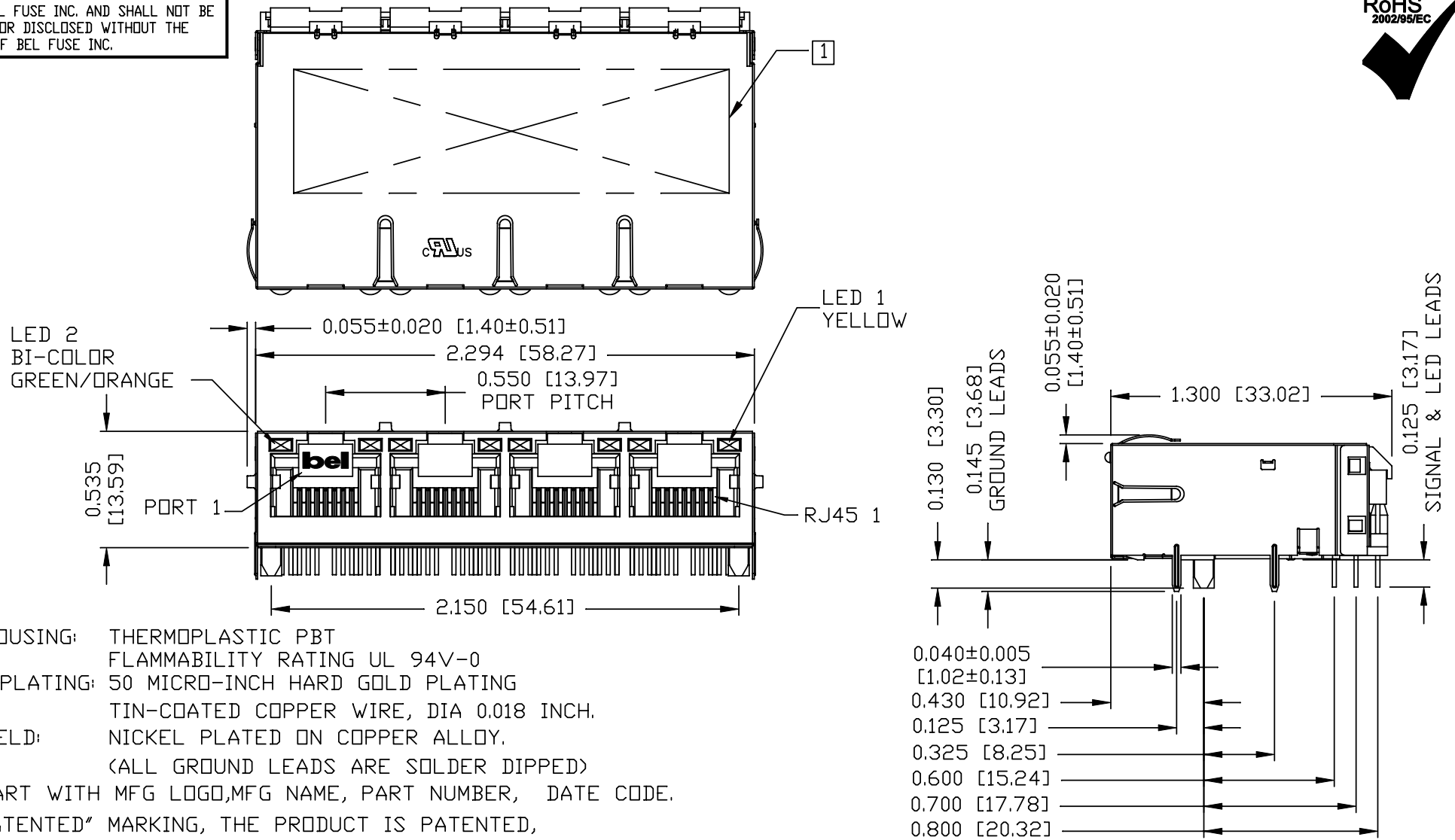


ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE
CHOW WANGCHUNG	06-16-09	1X4 gigabit MagJack® (12 cores,Tab Up)	08261X4T23-F	TOL. IN INCH	UNIT : INCH [mm] REV. : F
DRAWN BY	DATE	0826-1X4T-23-F	FILE NAME	.X	SCALE : N/A SIZE : A4
LI YONGFENG	06-16-09	PATENTED	08261X4T23-F_F.DWG	.XX	PAGE : 2
				.XXX	

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 LOGO, MFG NAME, PART NUMBER, DATE CODE.

AND "PATENTED" MARKING, THE PRODUCT IS PATENTED,

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

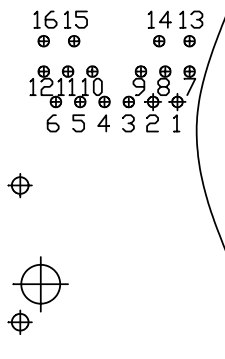
JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

UL USUL RECOGNIZED - FILE #E196366 AND E169987.
RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
ZX HUANG	06-16-09	1x4 gigabit MagJack® (12 cores, Tab Up) 0826-1X4T-23-F PATENTED	08261X4T23-F	.X	UNIT : INCH [mm]	REV. : F
DRAWN BY	DATE			.XX	SCALE : N/A	SIZE : A4
BL CHEN	06-16-09			.XXX ±0.010	⊕	PAGE : 3

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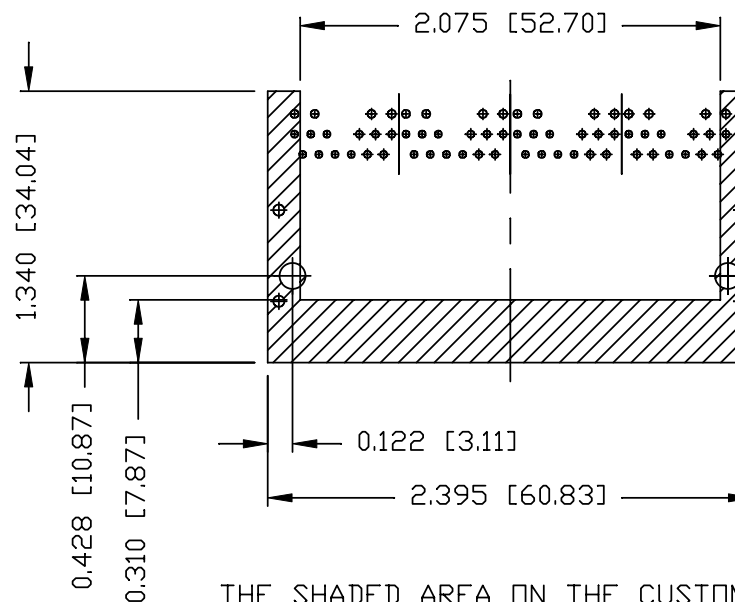
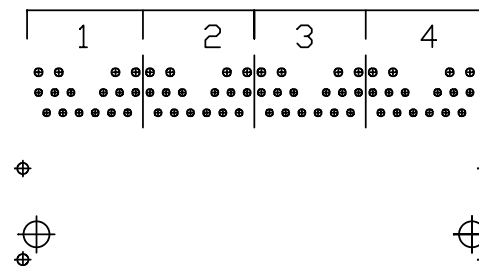
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PIN-OUT INFORMATION
 (COMPONENT SIDE VIEW)

12	TRCT1		
11	TRD1+		
10	TRD1-		
9	TRD4-		
8	TRD4+		
7	TRCT2		
6	TRCT2		
5	TRD2-		
4	TRD2+	16	ORG (-) GRN (+)
3	TRD3+	15	ORG (+) GRN (-)
2	TRD3-	14	YELLOW (+)
1	TRCT3	13	YELLOW (-)

PORT ASSIGNMENT
 (COMPONENT SIDE VIEW)



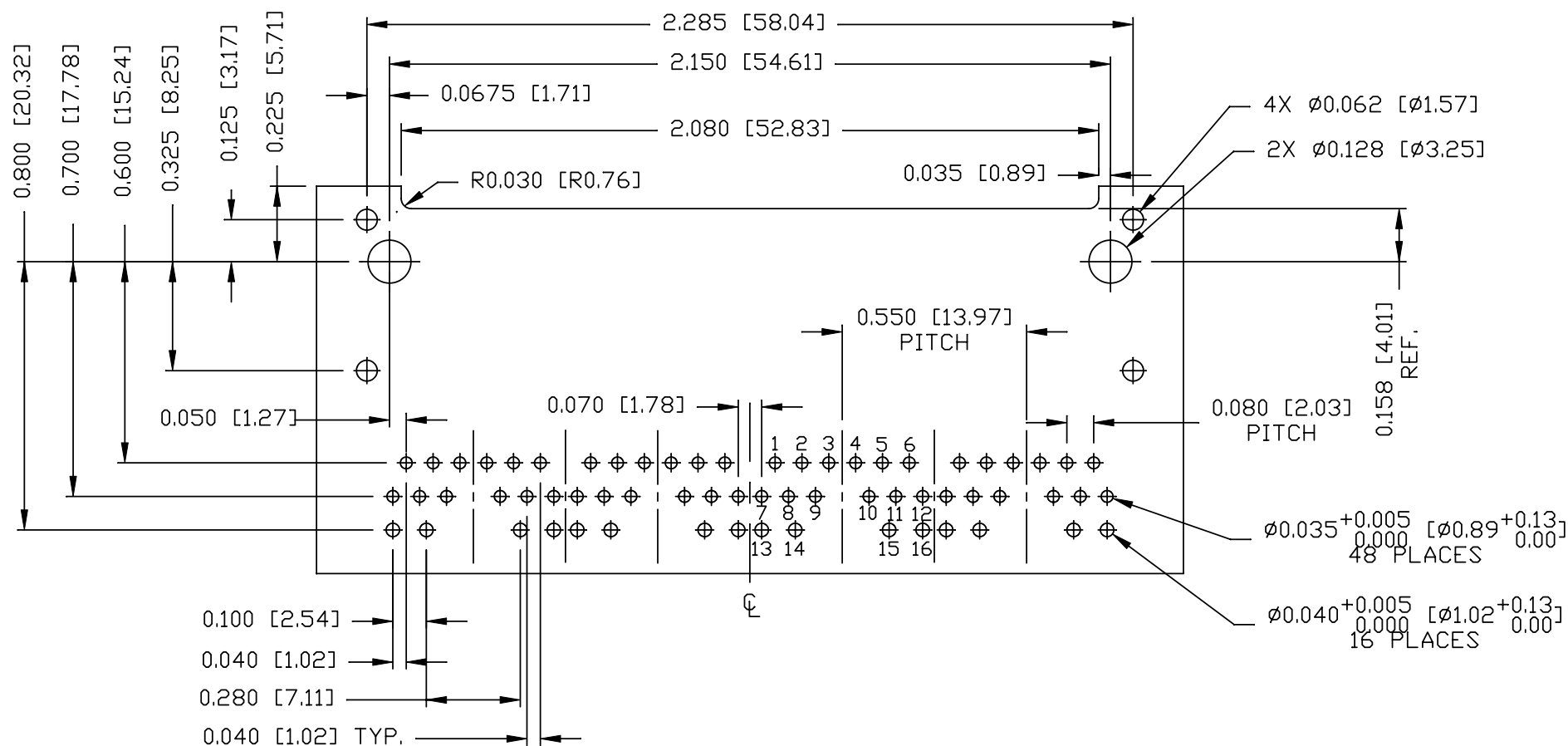
THE SHADED AREA ON THE CUSTOMER BOARD ARE
 RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR
 COMPONENT PAD.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
ZX HUANG	06-16-09	1X4 gigabit MagJack® (12 cores,Tab Up) 0826-1X4T-23-F PATENTED	08261X4T23-F	.X .XX .XXX ±0.004	UNIT : INCH [mm]	REV. : F
DRAWN BY	DATE				SCALE : N/A	SIZE : A4
BL CHEN	06-16-09					PAGE : 4



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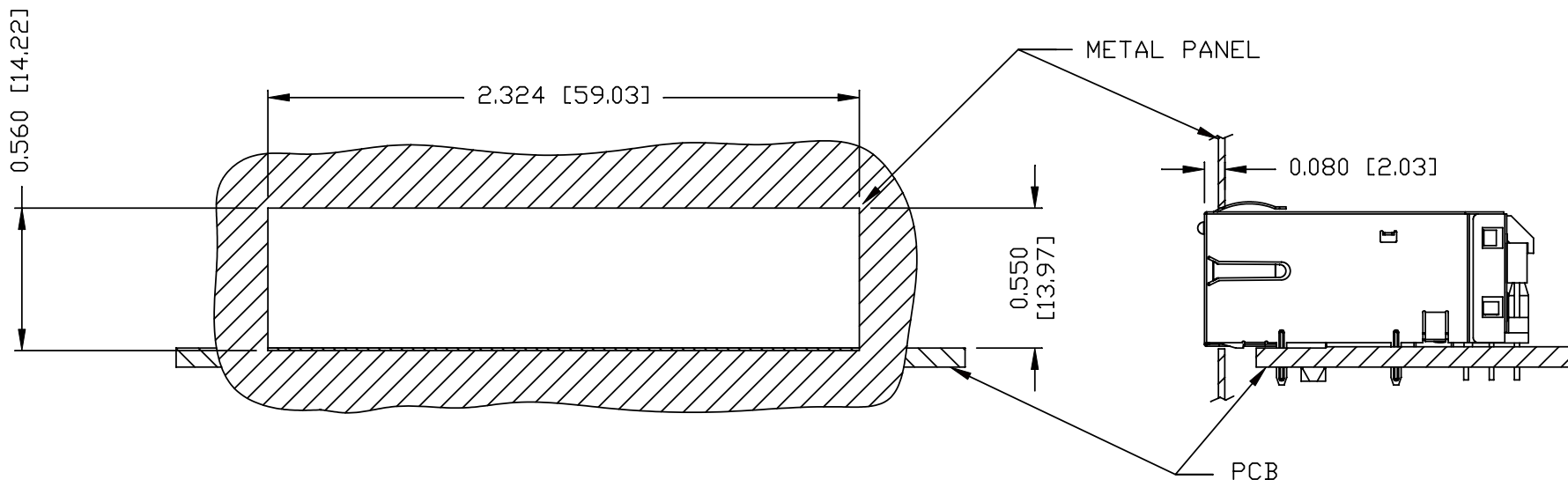
RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW

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DRAWN BY	DATE	0826-1X4T-23-F PATENTED	FILE NAME	.XX	SCALE : N/A SIZE : A4
BL CHEN	06-16-09		08261X4T23-F_F.DWG	.XXX ±0.004	PAGE : 5

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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-B4 (TOP)
0200-9999-B5 (BOTTOM)

PACKING QUANTITY : 24 PCS FINISHED GOODS PER TRAY
10 TRAYS (240 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			.XX	SCALE : N/A	SIZE : A4
BL CHEN	06-16-09			.XXX ±0.004	⊕	PAGE : 6