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

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)

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

CROSS TALK

100kHz - 100MHz -33+20LOG(f/100MHz)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

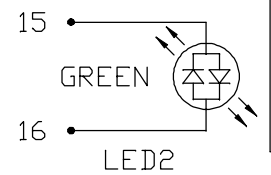
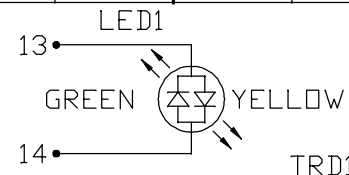
100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS.

LED 1 & LED 2

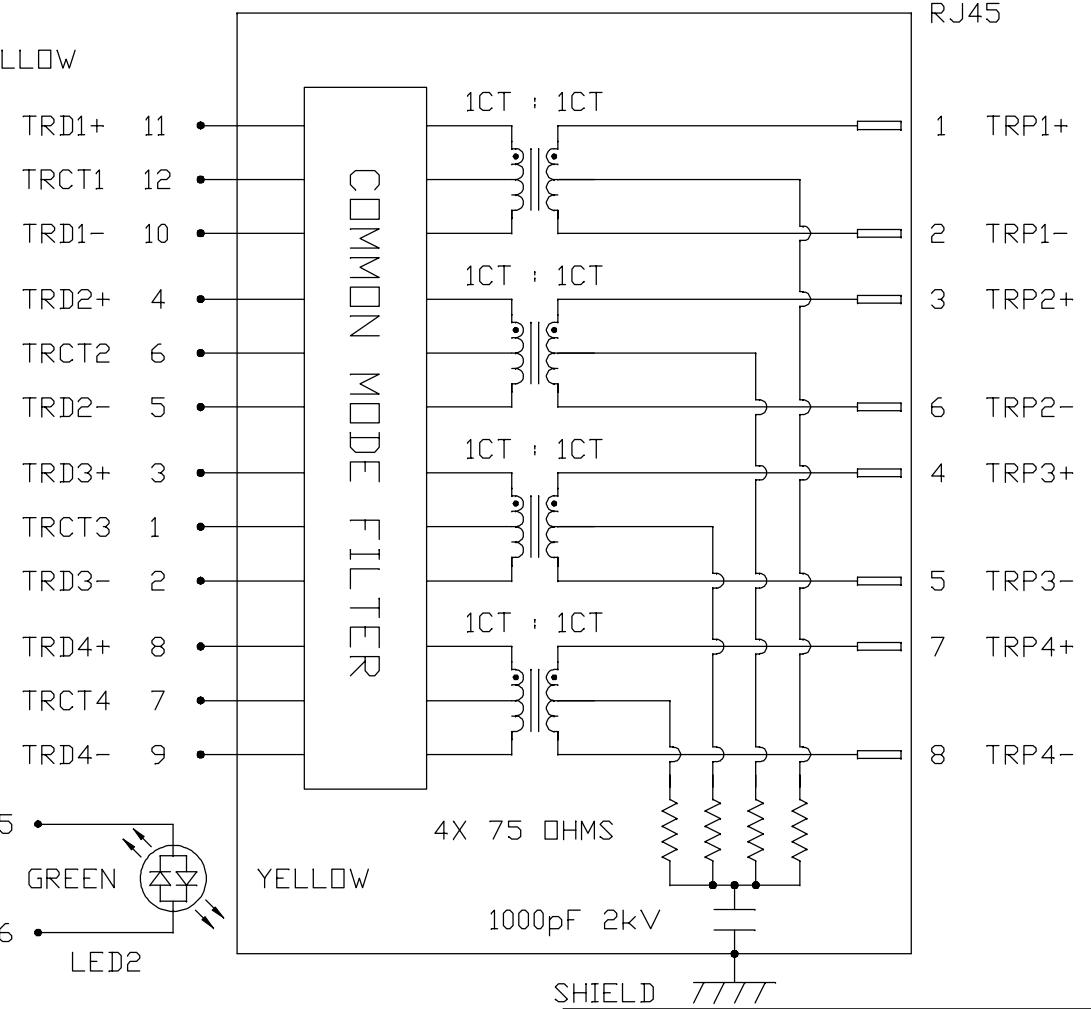
VF (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
		YELLOW	2.1V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA	GREEN	570nm TYP.
		YELLOW	590nm TYP.

OPERATING TEMPERATURE:

0°C TO +70°C.



SCHEMATIC



- RJ45
- 1 TRP1+
 - 2 TRP1-
 - 3 TRP2+
 - 6 TRP2-
 - 4 TRP3+
 - 5 TRP3-
 - 7 TRP4+
 - 8 TRP4-

ORIGINATED BY
CHOW WANCHUNG
DATE 2017-04-24

DRAWN BY
XIE YIMING
DATE 2017-04-24

TITLE
1X4 gigabit MagJack®
(8 cores, Tab Up)
0826-1C4T-43-F
PATENTED

PART NO. / DRAWING NO.
08261C4T43-F

FILE NAME
08261C4T43-F_C.DWG

STANDARD DIM. TOL. IN INCH [] METRIC DIM. AS REF.

.X
.XX
.XXX

UNIT : INCH [mm]
SCALE : N/A
SIZE : A4

REV. : C PAGE : 2



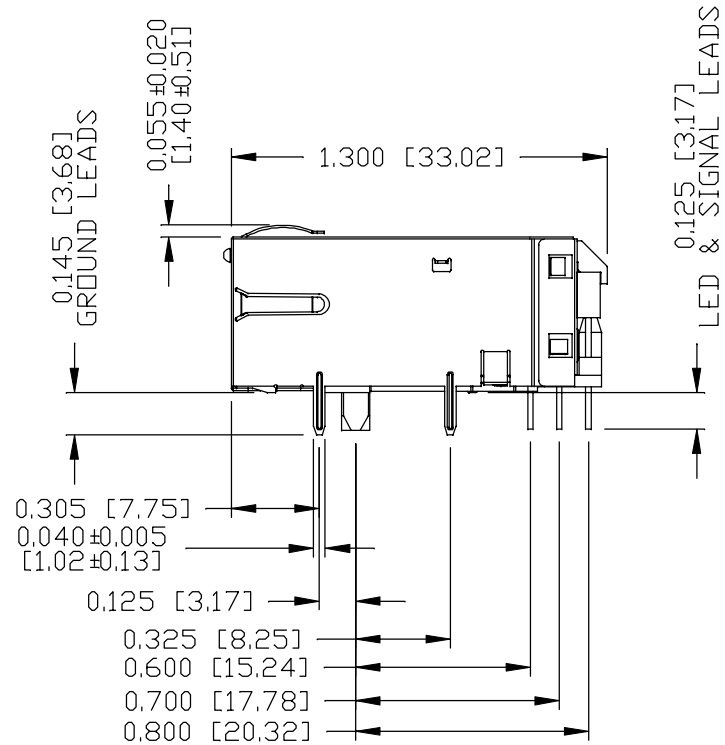
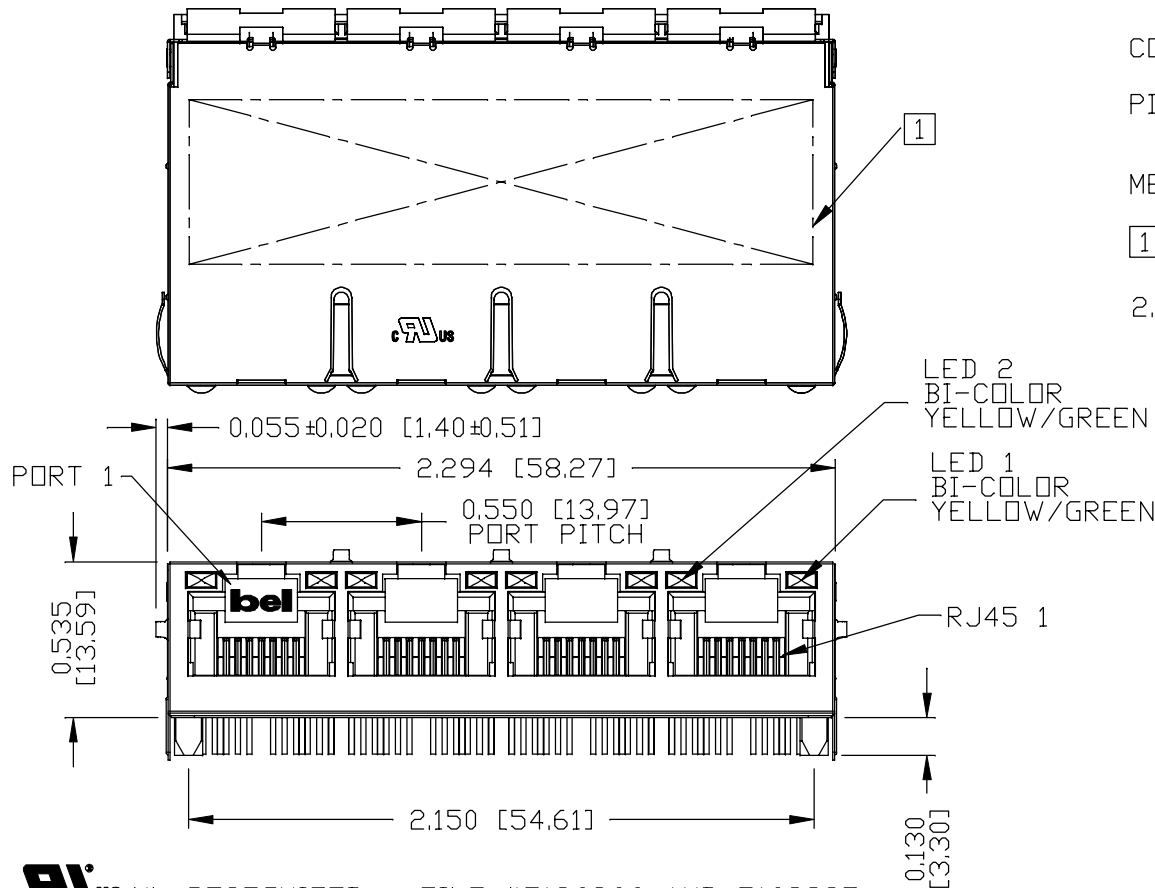
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NOTES:

- PLASTIC HOUSING: THERMOPLASTIC PBT, BLACK
FLAMMABILITY RATING UL 94V-0
- CONTACTS PLATING: 50 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT.
- PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH, 100 MICRO-INCH MIN MATTE TIN, PINS ARE SOLDER DIPPED.
- 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. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.



UL UL RECOGNIZED - FILE #E196366 AND E169987.

- 3. THE PRODUCT IS RoHS COMPLIANT.
- 4. THE PRODUCT IS PATENTED. THE PATENT NUMBER IS U.S. PAT. 7,123,117.
- 5. THE PART IS RECOMMENDED FOR WAVE SOLDERING. THE SUGGESTED PEAK WAVE SOLDERING CONDITION IS 260°C MAX AND 10 SECONDS MAX.

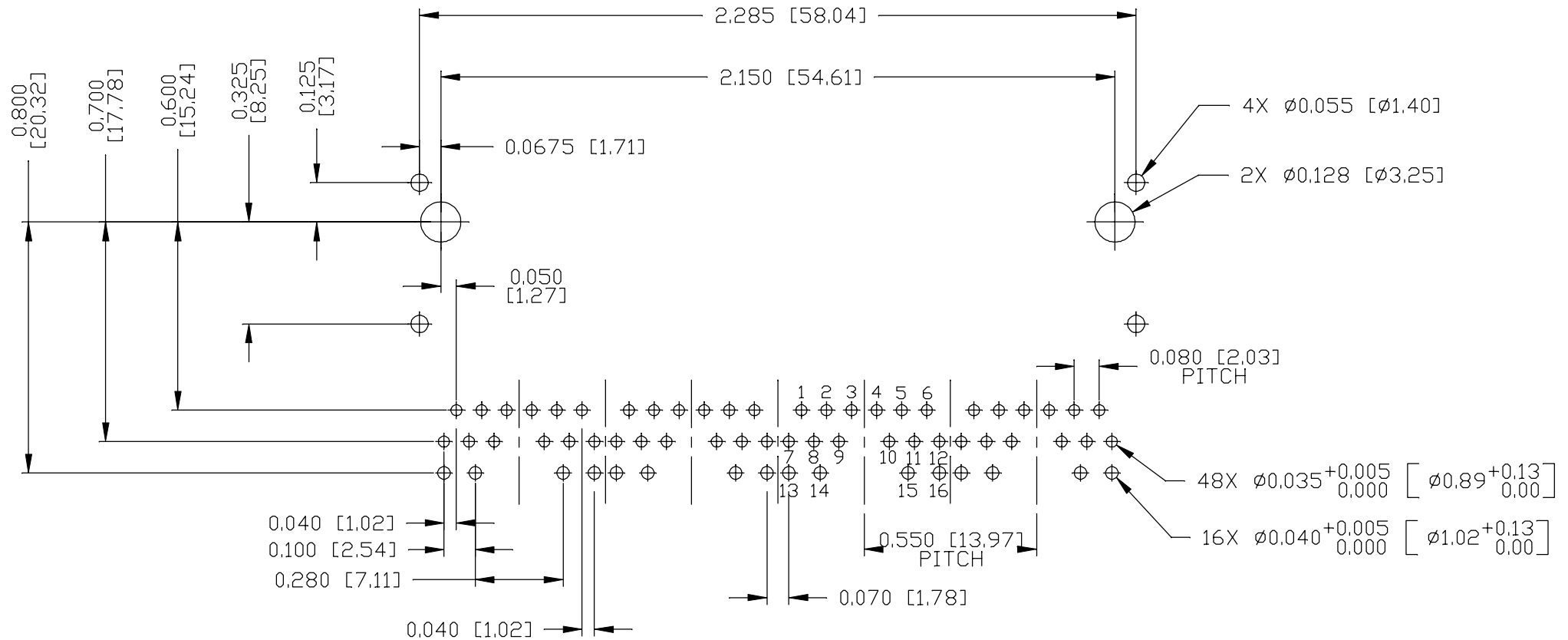
REV. : C PAGE : 3

ORIGINATED BY LI QUANKUN DATE 2017-04-24	TITLE 1X4 gigabit MagJack® (8 cores, Tab Up) 0826-1C4T-43-F PATENTED	PART NO. / DRAWING NO. 08261C4T43-F	STANDARD DIM. [] METRIC DIM. TOL. IN INCH AS REF.	
			.X .XX .XXX	UNIT : INCH [mm] SCALE : N/A SIZE : A4
DRAWN BY ZHANG XUEZHENG DATE 2017-04-24		FILE NAME 08261C4T43-F_C.DWG	±0.010	



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RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW

REV. : C PAGE : 4

ORIGINATED BY
LI QUANKUN
DATE 2017-04-24
DRAWN BY
ZHANG XUEZHENG
DATE 2017-04-24

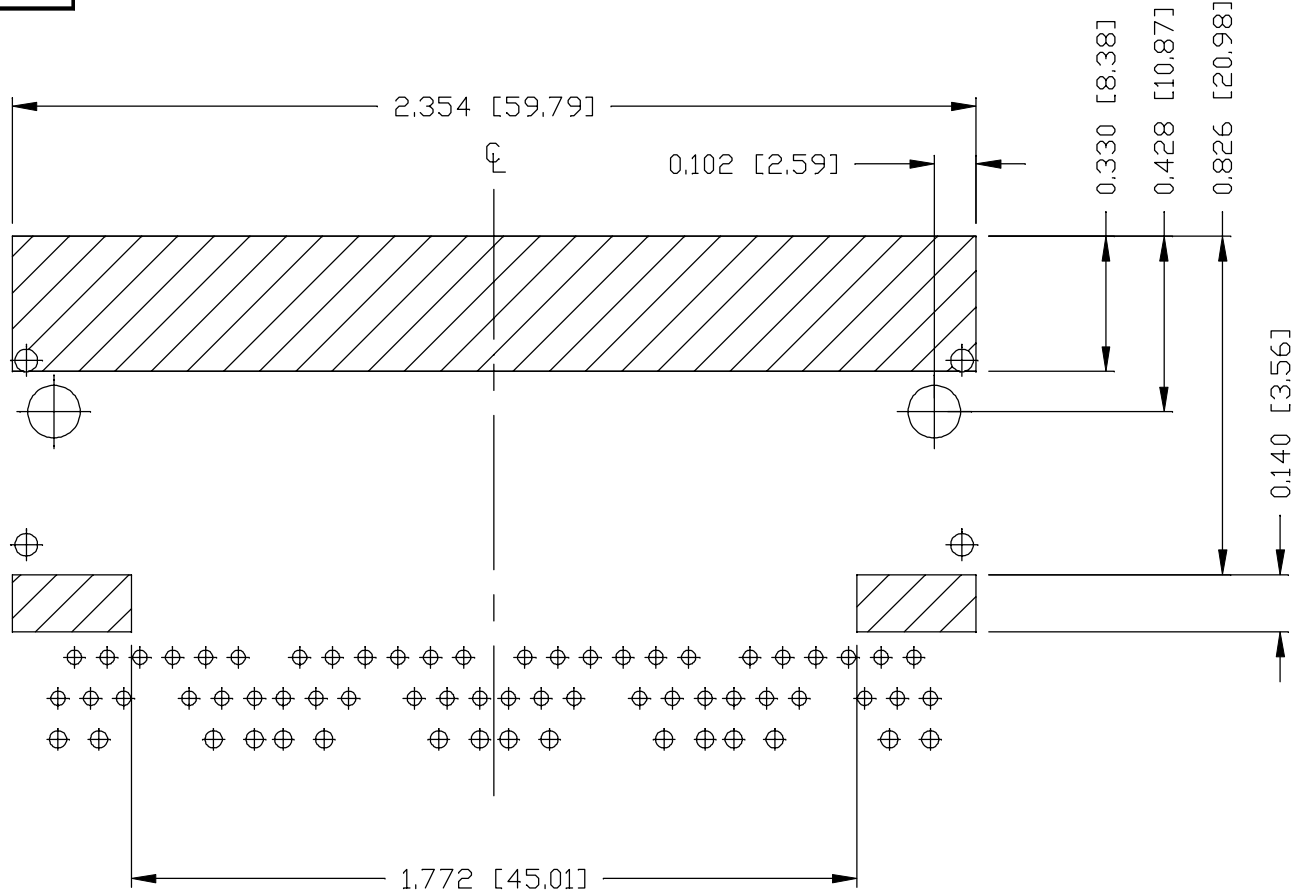
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STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REF.
.X		UNIT : INCH [mm]
.XX		SCALE : N/A
.XXX	±0.004	SIZE : A4



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NOTES:

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

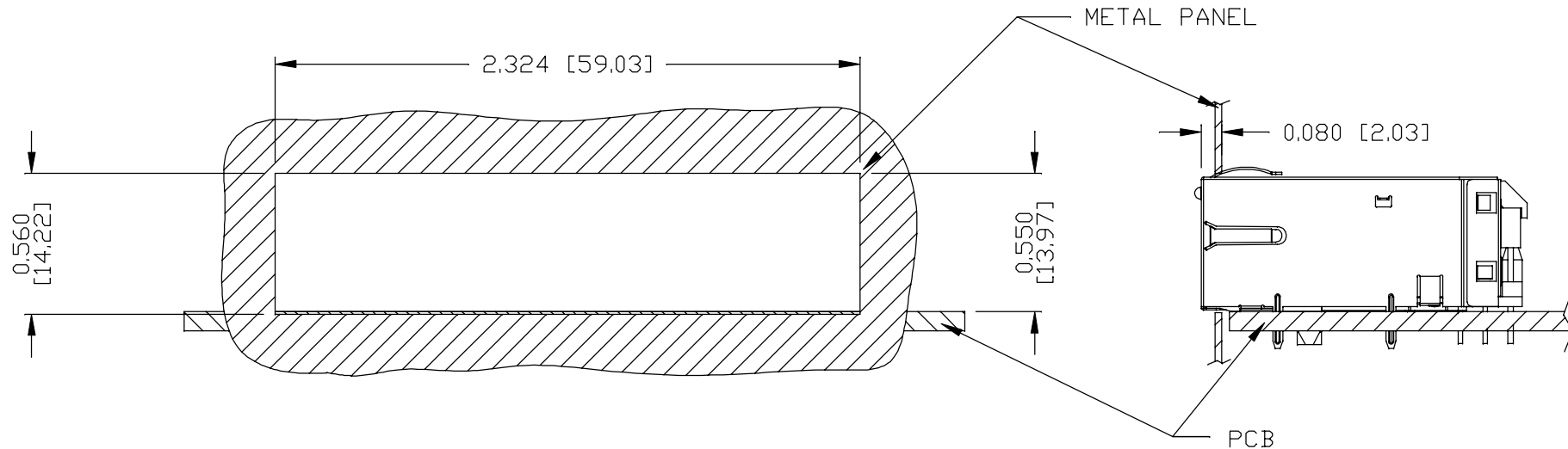
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DRAWN BY ZHANG XUEZHENG DATE 2017-04-24			FILE NAME 08261C4T43-F_C.DWG							
							a bel group			

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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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ORIGINATED BY LI QUANKUN DATE 2017-04-24 DRAWN BY ZHANG XUEZHENG DATE 2017-04-24	TITLE 1X4 glgabit MagJack® (8 cores, Tab Up) 0826-1C4T-43-F PATENTED	PART NO. / DRAWING NO. 08261C4T43-F	STANDARD DIM. TOL. IN INCH .X	[] METRIC DIM. AS REF. UNIT : INCH [mm]
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		.XXX ±0.004		SIZE : A4

