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RoHS
2002/95/EC

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

ELECTRICAL CHARACTERISTICS @ 25°C

TRANS. RATIO

TP1	1CT : 1CT $\pm 2\%$
TP2	1CT : 1CT $\pm 2\%$
TP3	1CT : 1CT $\pm 2\%$
TP4	1CT : 1CT $\pm 2\%$

OCIL @ 100kHz/100mVRMS

8mA DC BIAS

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 $\pm 15\%$

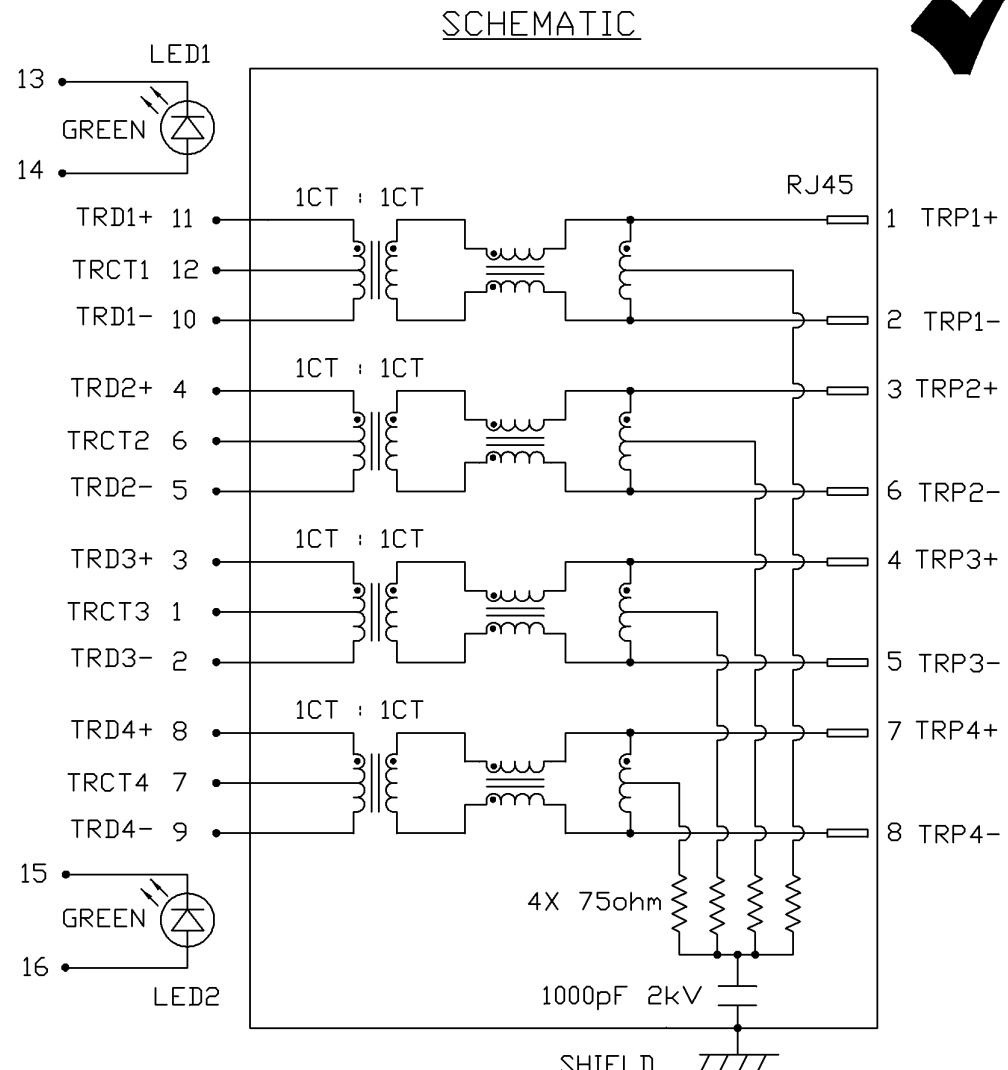
0.5MHz-40MHz	-18 dB
40MHz-100MHz	-12+20LOG(f/80MHz) dB
CM TO CM REJ	
100kHz - 100MHz	-30 dB MIN

CM TO DM REJ

100kHz - 100MHz

HIPOT (Isolation Voltage):

LED 1 & 2	
VF (FORWARD VOLTAGE)	IF=20mA GREEN 2.2V TYP.
λ D (DOMINANT WAVELENGTH)	IF=20mA GREEN 565nm TYP.



ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE	
DRAWN BY	DATE		08261G4T23-F	TOL. IN INCH	UNIT : INCH [mm]	REV. : B
CHOW WANCHUNG	08-06-08	1X4 gigabit MagJack® (12 cores, Tab Up)	08261G4T23-F	X		
LEE WEIDE	08-06-08	08261G4T23-F	08261G4T23-F_B.DWG	XX	SCALE : N/A	SIZE : A4
				XXX		PAGE : 2

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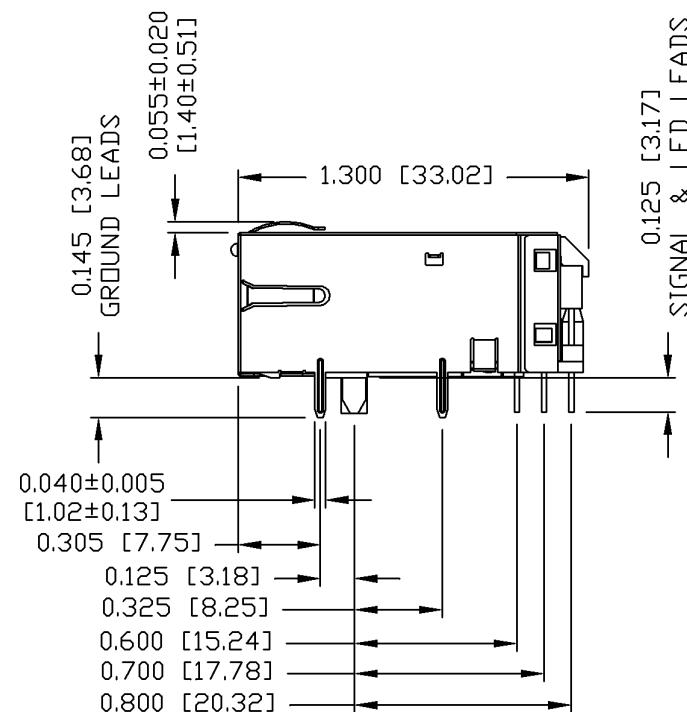
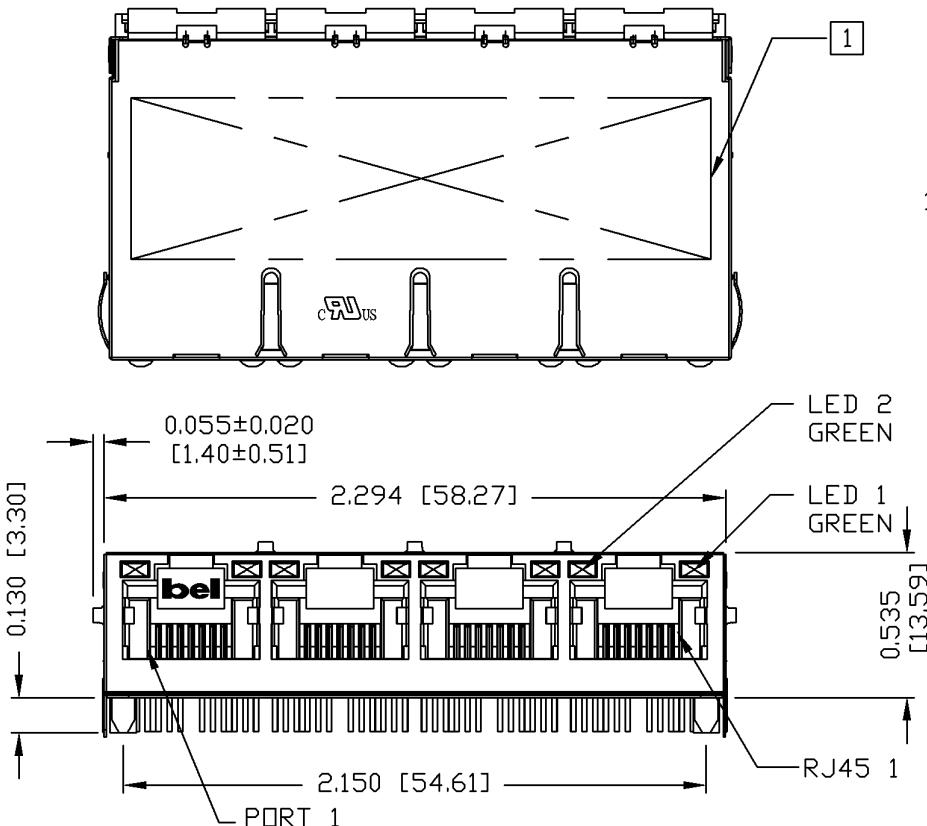


NOTES:

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.

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



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ZX HUANG	08-06-08	1X4 gigabit MagJack® (12 cores, Tab Up)	08261G4T23-F	X			
BL CHEN	08-06-08	08261G4T23-F_B.DWG	XXX	±0.010			

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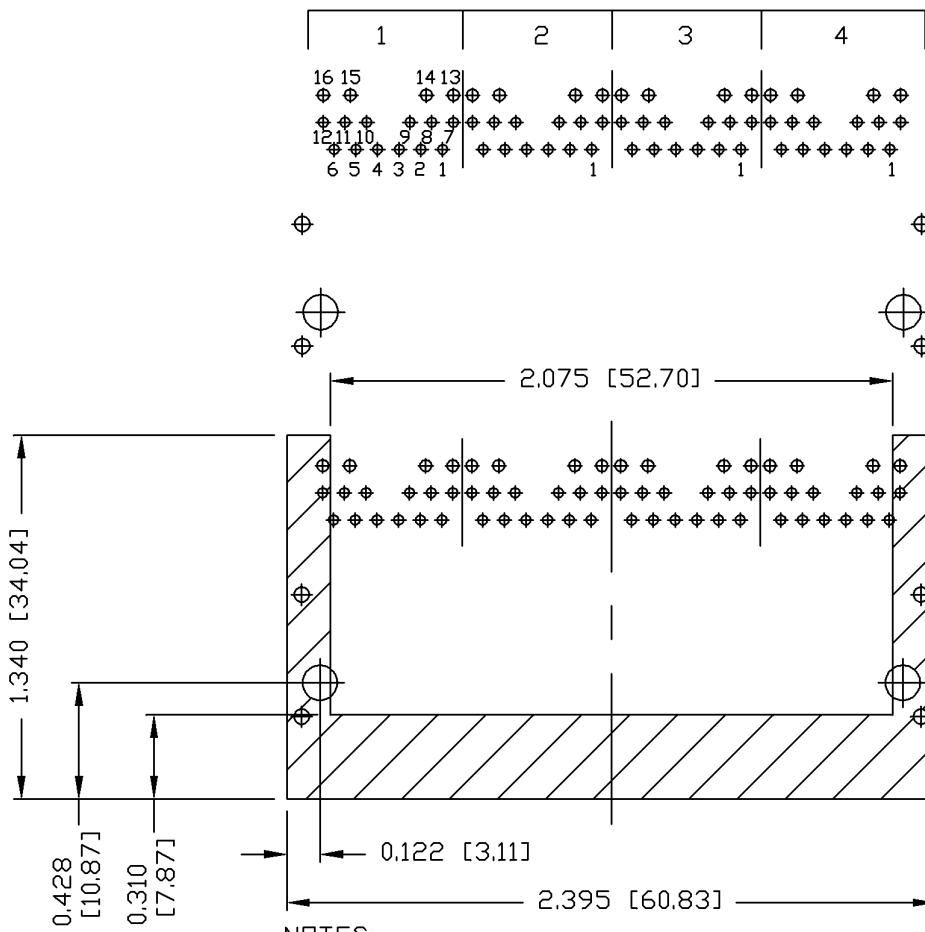
PORT ASSIGNMENT
 (COMPONENT SIDE VIEW)

1	2	3	4
16 15	14 13		
⊕ ⊕	⊕ ⊕ ⊕ ⊕	⊕ ⊕ ⊕ ⊕	⊕ ⊕ ⊕ ⊕
⊕ ⊕ ⊕ ⊕	⊕ ⊕ ⊕ ⊕	⊕ ⊕ ⊕ ⊕	⊕ ⊕ ⊕ ⊕
12 11 10 9 8 7	⊕ ⊕ ⊕ ⊕	⊕ ⊕ ⊕ ⊕	⊕ ⊕ ⊕ ⊕
6 5 4 3 2 1	⊕ ⊕ ⊕ ⊕	⊕ ⊕ ⊕ ⊕	⊕ ⊕ ⊕ ⊕

PIN-OUT INFORMATION

(COMPONENT SIDE VIEW)

12	TRCT1
11	TRD1+
10	TRD1-
9	TRD4-
8	TRD4+
7	TRCT4
6	TRCT2
5	TRD2-
4	TRD2+
3	TRD3+
2	TRD3-
1	TRCT3



NOTES:

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

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BL CHEN	08-06-08	08261G4T-23-F	08261G4T23-F_B.DWG	XX			PAGE : 4

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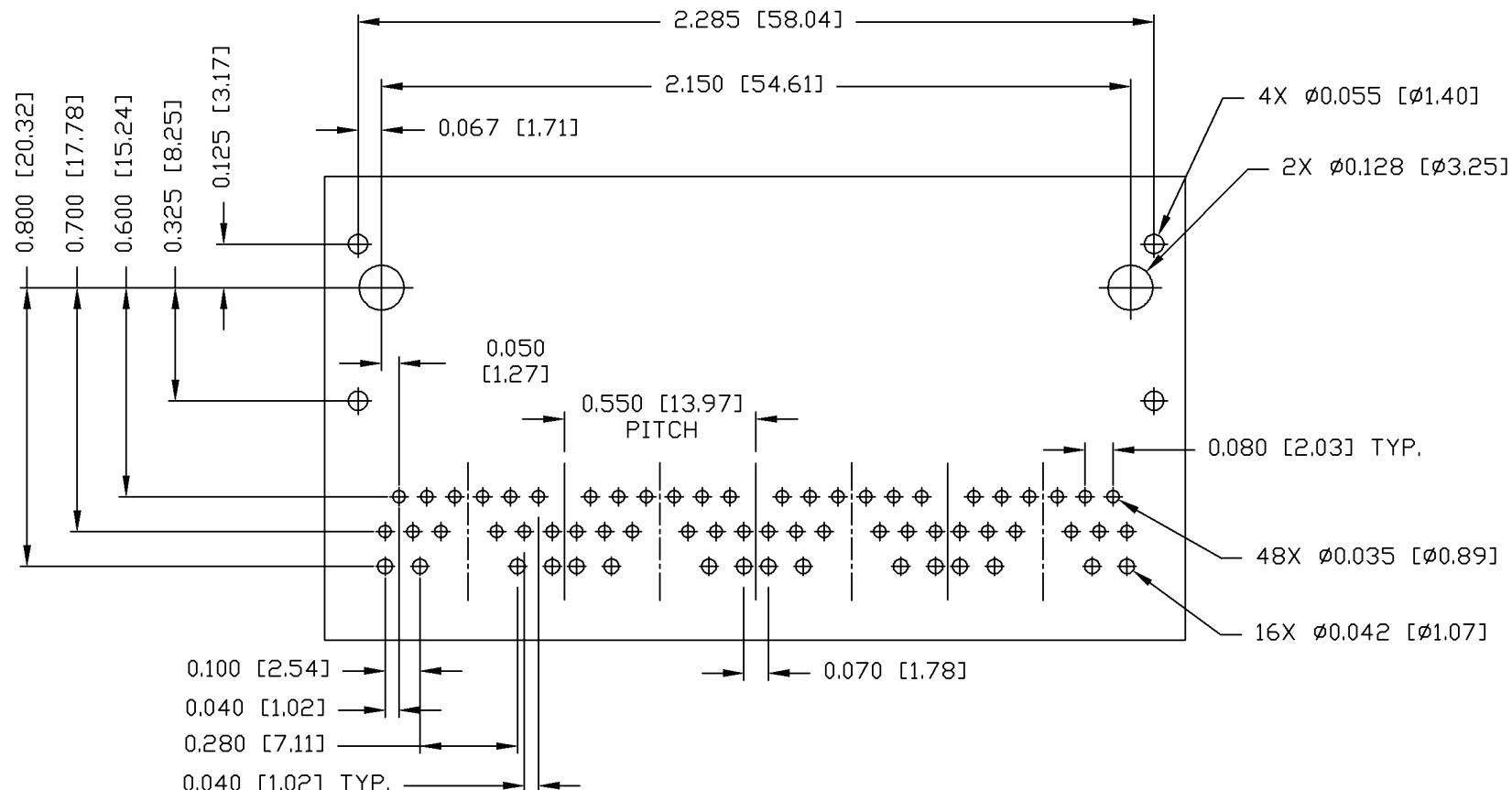
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RECOMMENDED PCB FOOTPRINT

COMPONENT SIDE VIEW



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				XXX	±0.004		PAGE : 5

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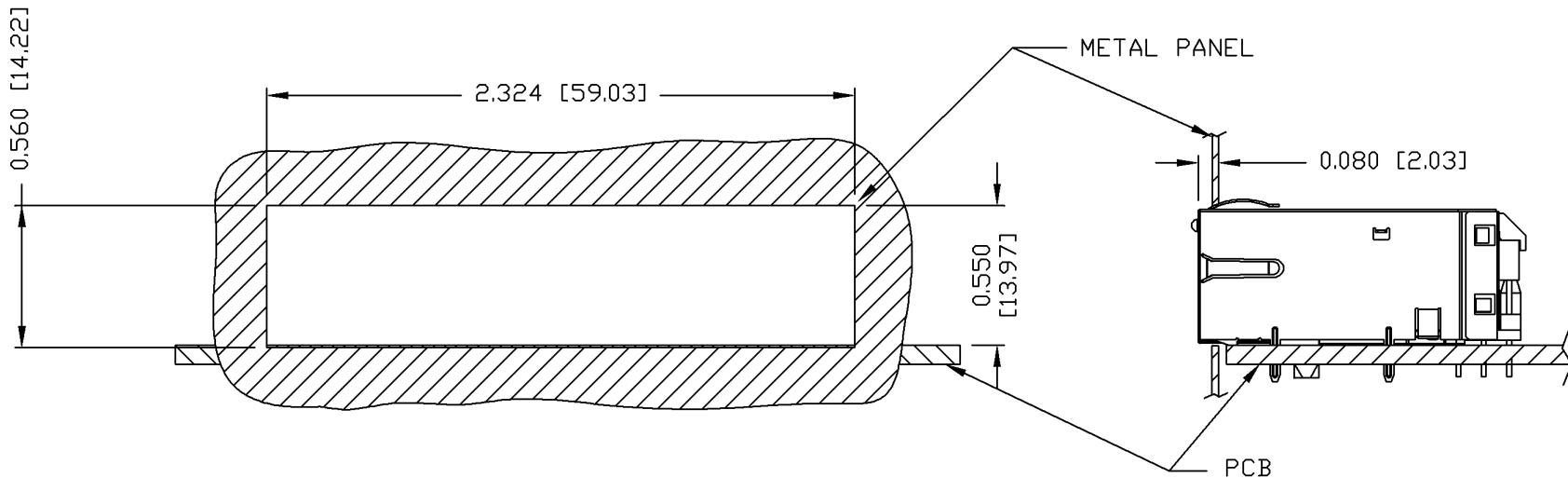
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SUGGESTED PANEL OPENING



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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BL CHEN	08-06-08										
FILE NAME											
08261G4T23-F_B.DWG											
XXX ± 0.004											

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