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

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

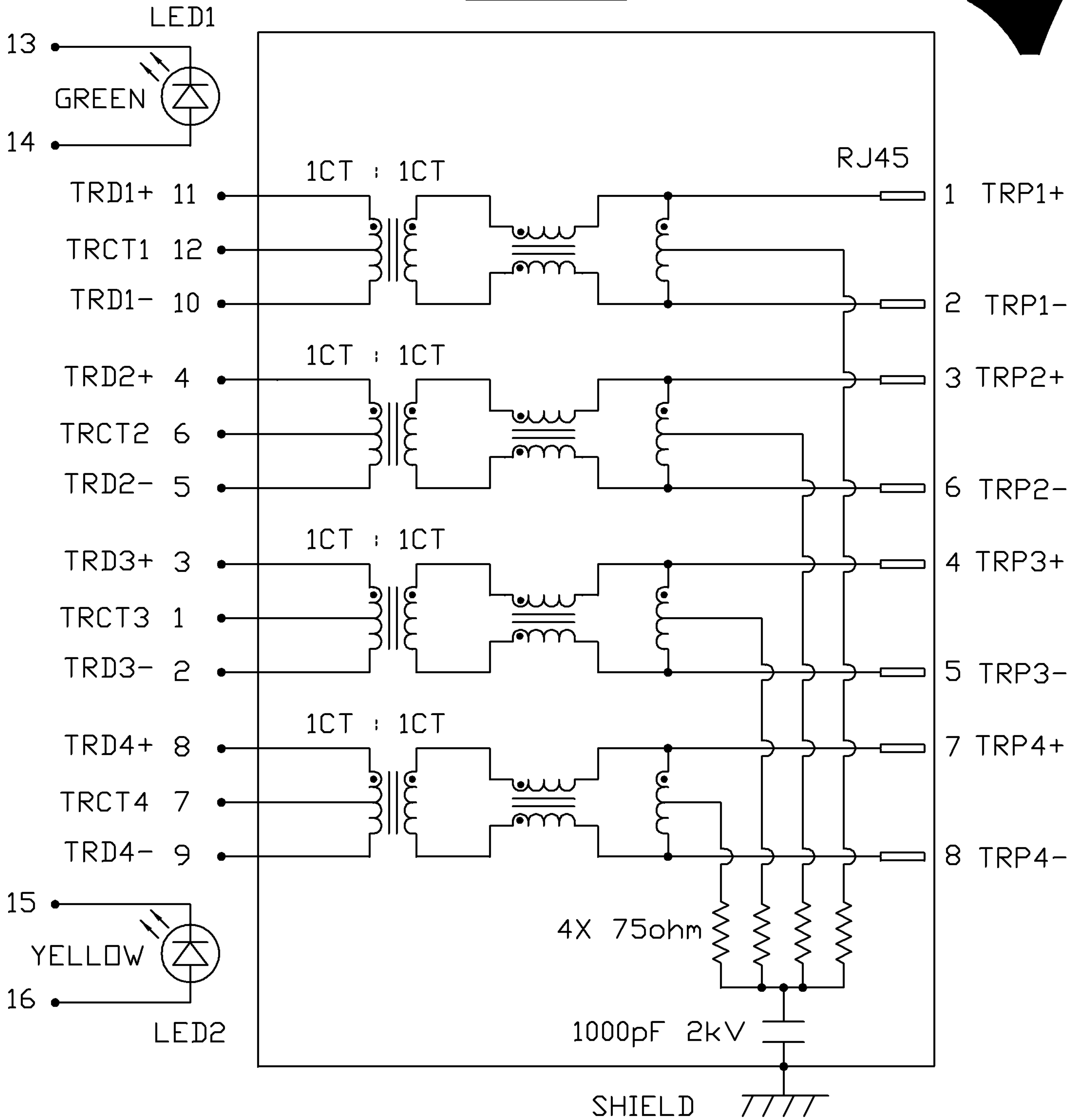
LED 1

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

LED 2

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

SCHEMATIC



ORIGINATED BY		DATE	TITLE 1X4 gigabit MagJack® (TAB-UP WITH LEDS) 0826-1D4T-23-F	PART NO. / DRAWING NO.		STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
CHOW WANCHUNG		08-05-08		08261D4T23-F		TOL. IN INCH		UNIT : INCH [mm]	REV. : B	
DRAWN BY		DATE		FILE NAME		.X		SCALE : N/A	SIZE : A4	
LEE WEIDE		08-05-08		08261D4T23-F_B.DWG		.XX				
						.XXX	±0.004		PAGE : 2	

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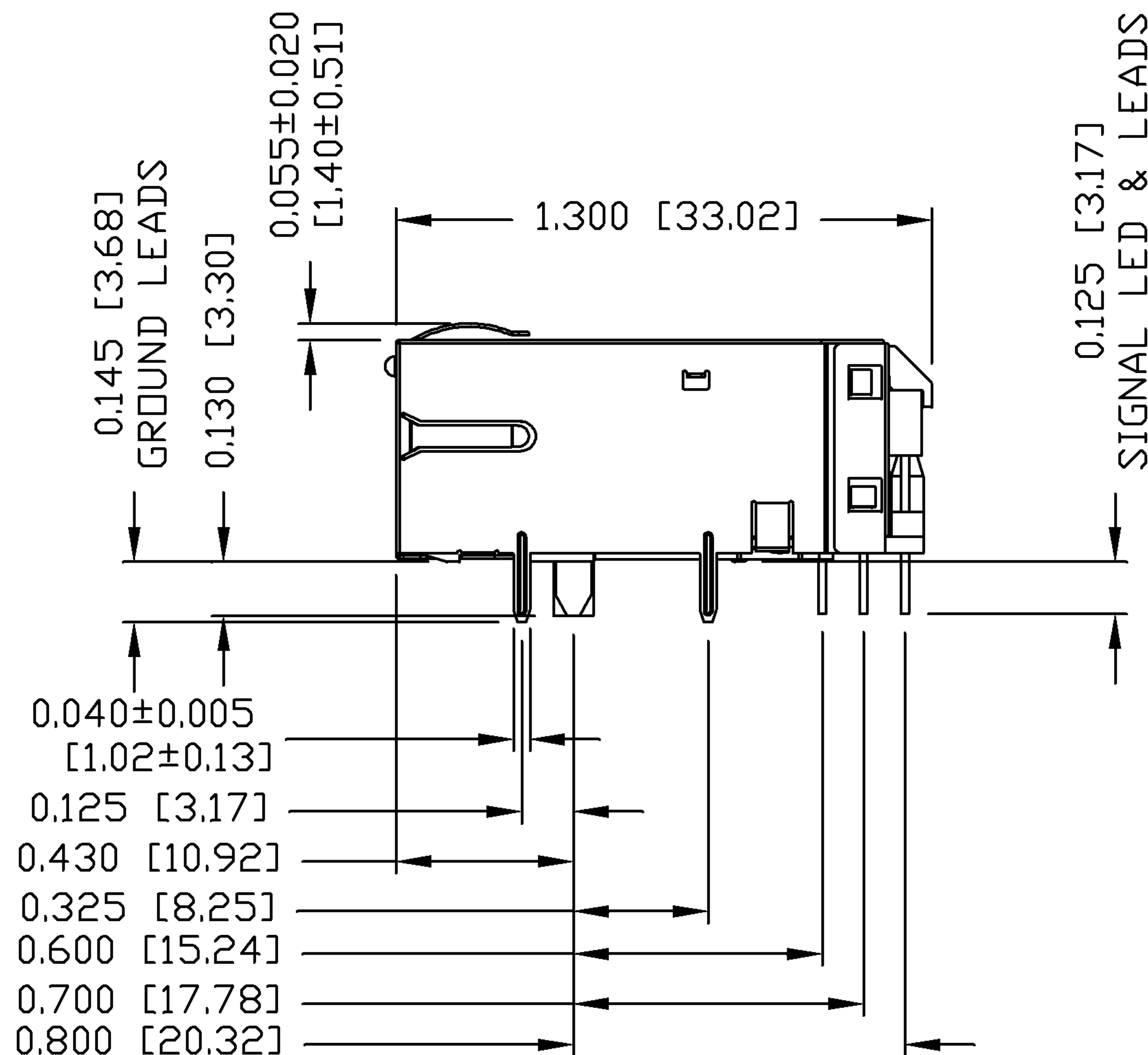
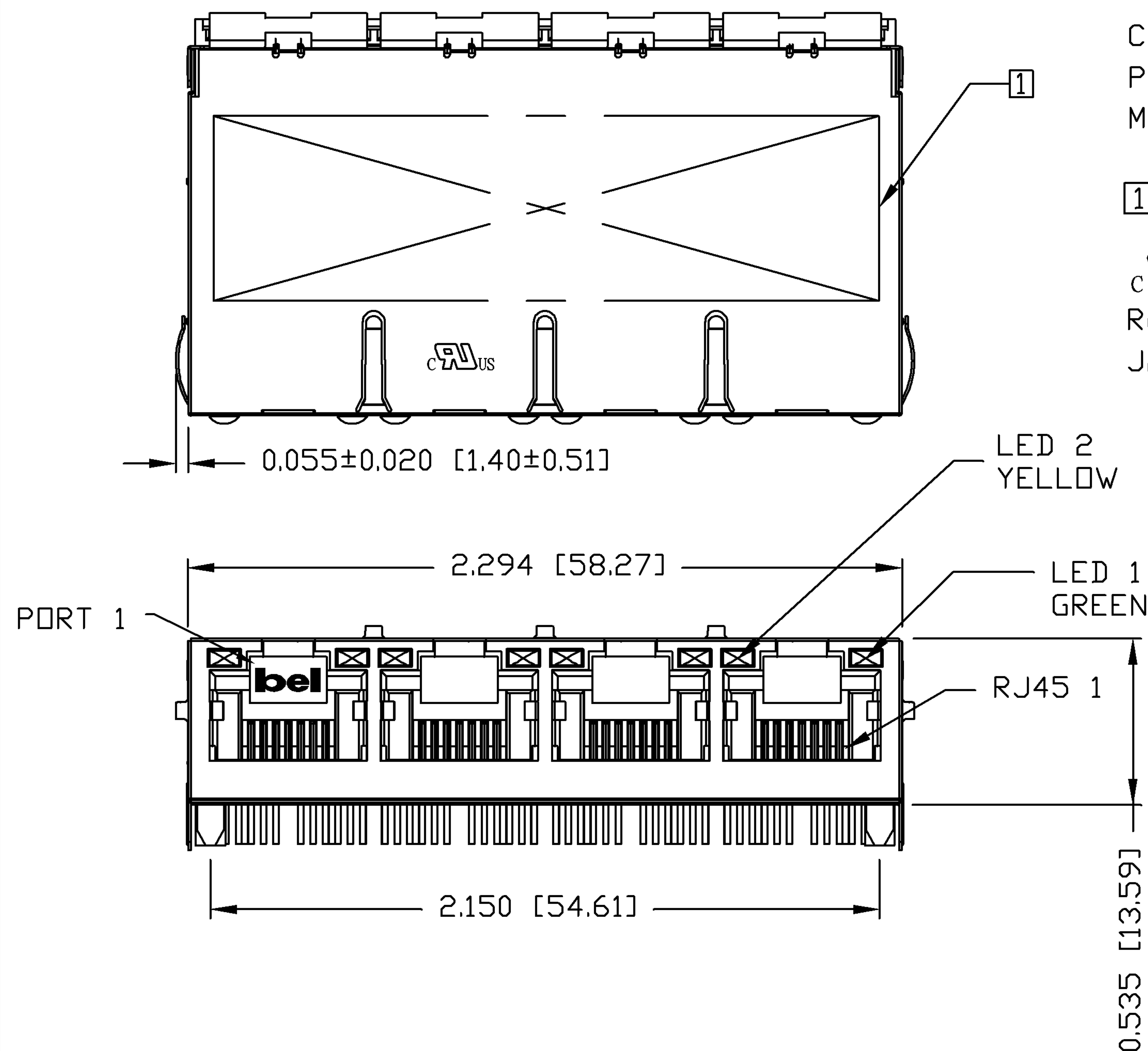





NOTES:

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)

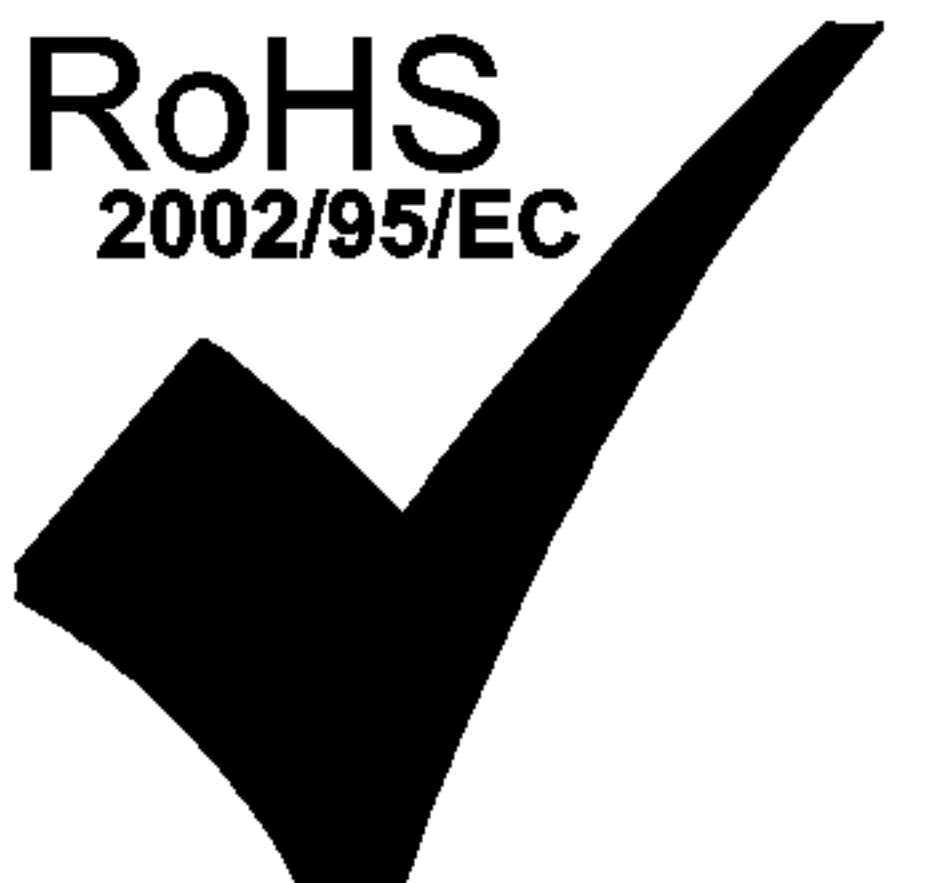
1. MARK PART WITH MFG. LOGO; MFG. NAME;
PART NUMBER; DATE CODE.




c  US UL RECOGNIZED - FILE #E196366 AND E169987.
RoHS COMPLIANT, PER EU DIRECTIVE 2002/95/EC
JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.



ORIGINATED BY ZX HUANG	DATE 08-05-08	TITLE 1X4 gigabit MagJack® (TAB-UP WITH LEDS) 0826-1D4T-23-F	PART NO. / DRAWING NO. 08261D4T23-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
DRAWN BY BL CHEN	DATE 08-05-08		FILE NAME 08261D4T23-F_B.DWG	.X		UNIT : INCH [mm]	REV. : B	
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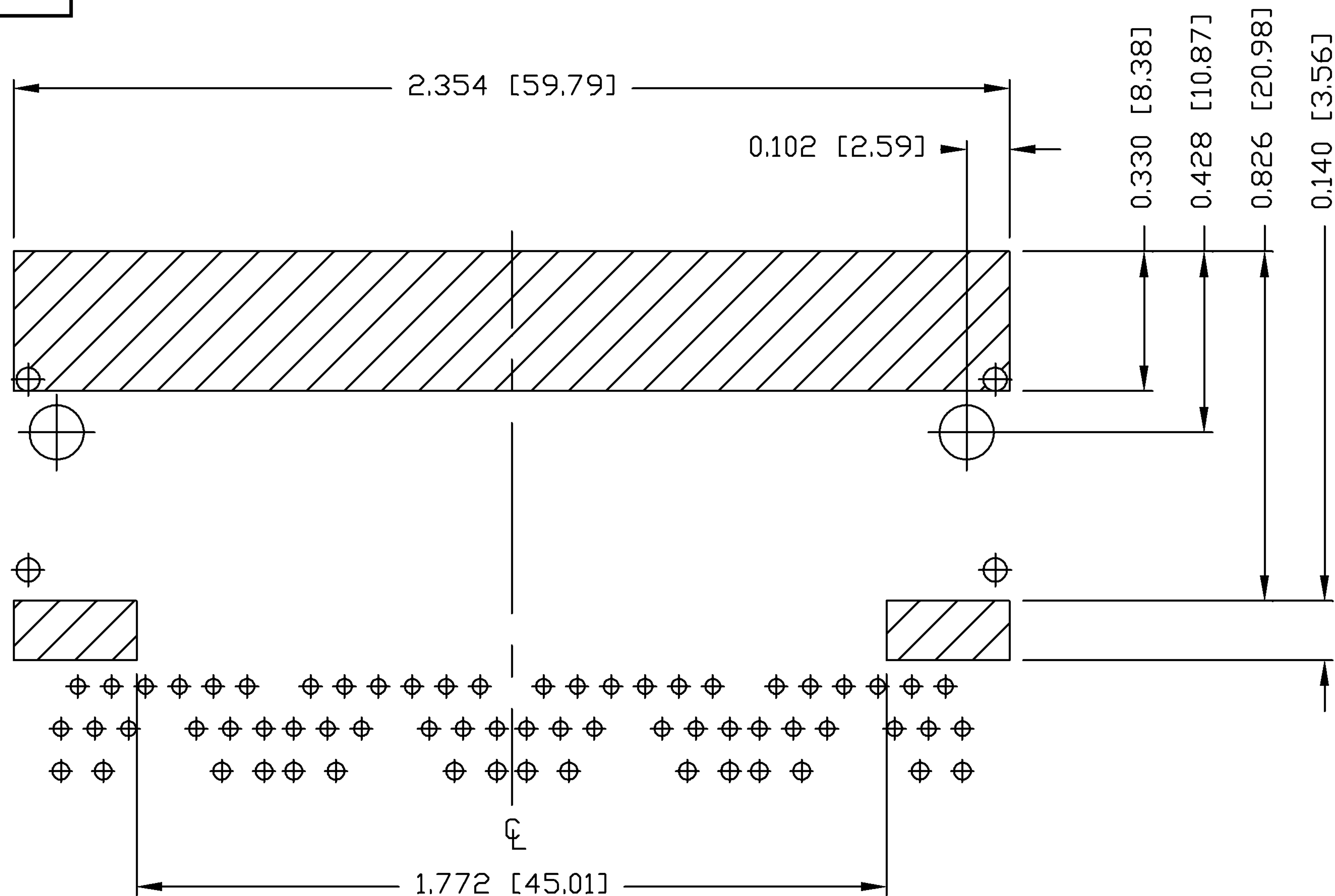
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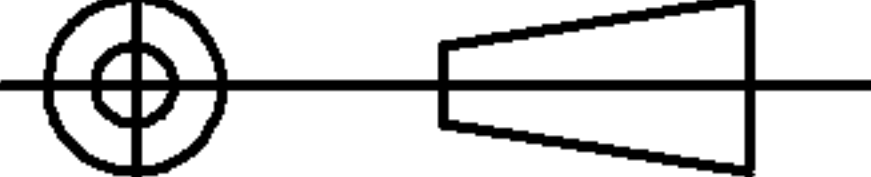
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NOTES:

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

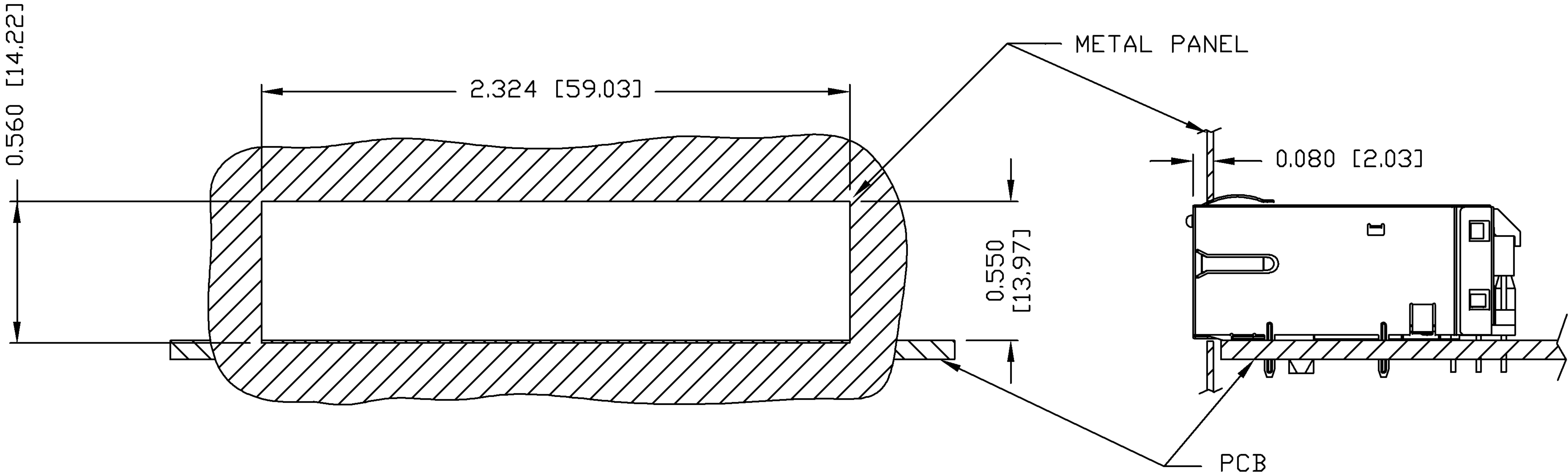
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SUGGESTED PANEL OPENING



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	08-05-08				.XXX		±0.004		

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Bel:

[0826-1D4T-23-F](#)