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

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.

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
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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):

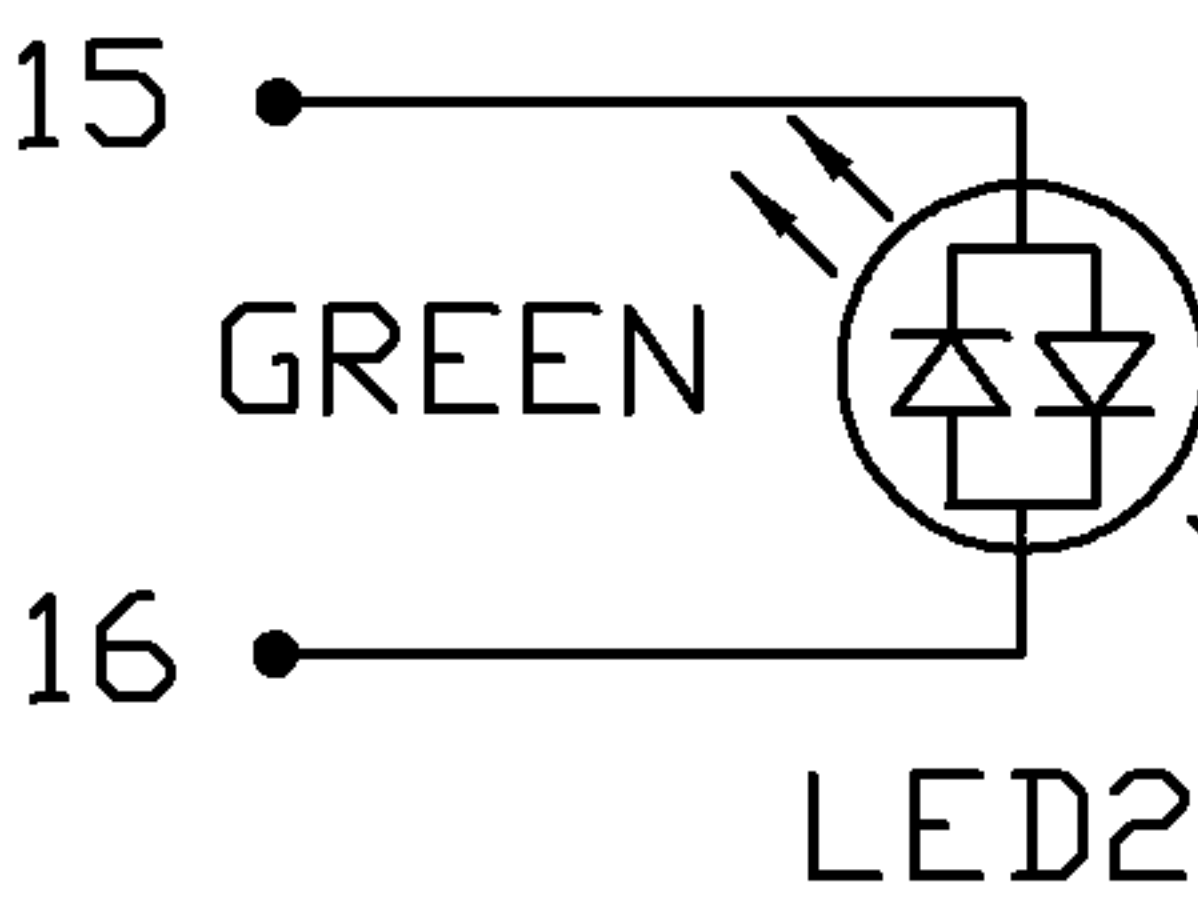
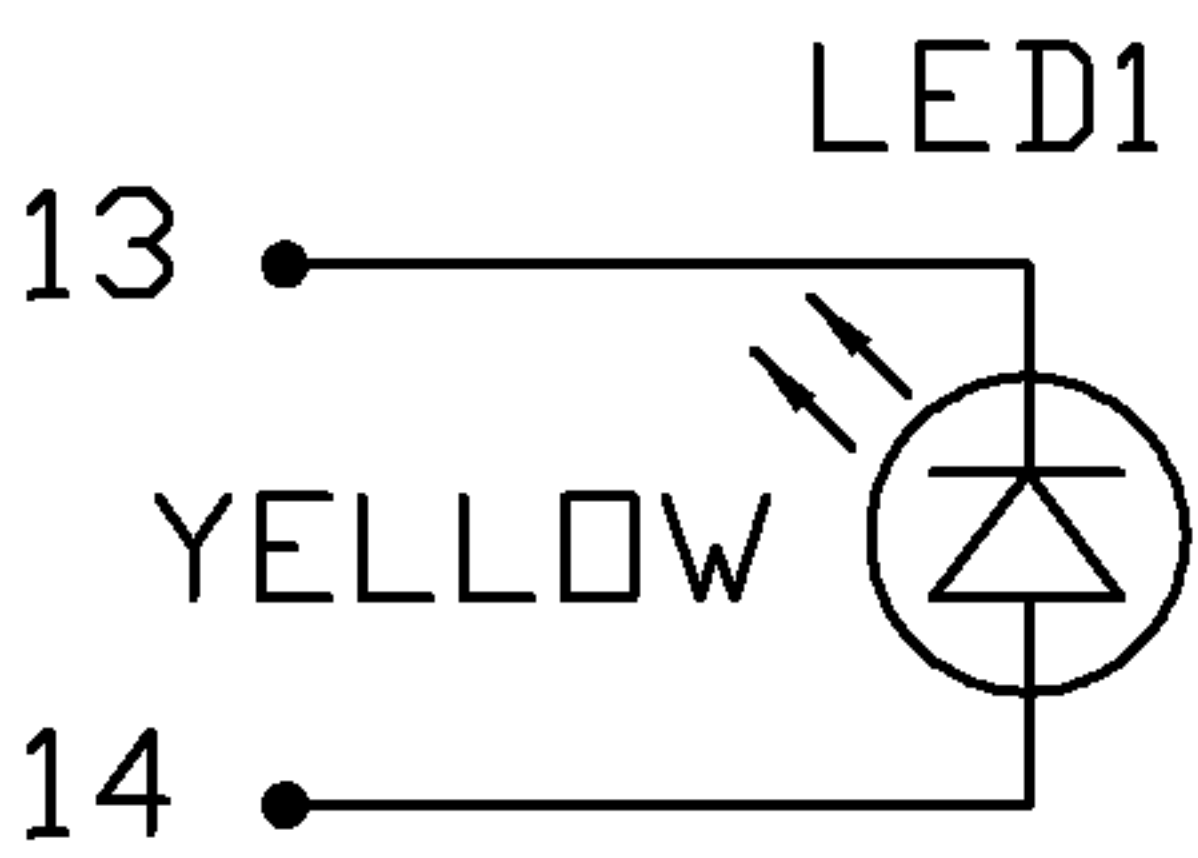
1500 Vrms or 2250VDC

LED 1

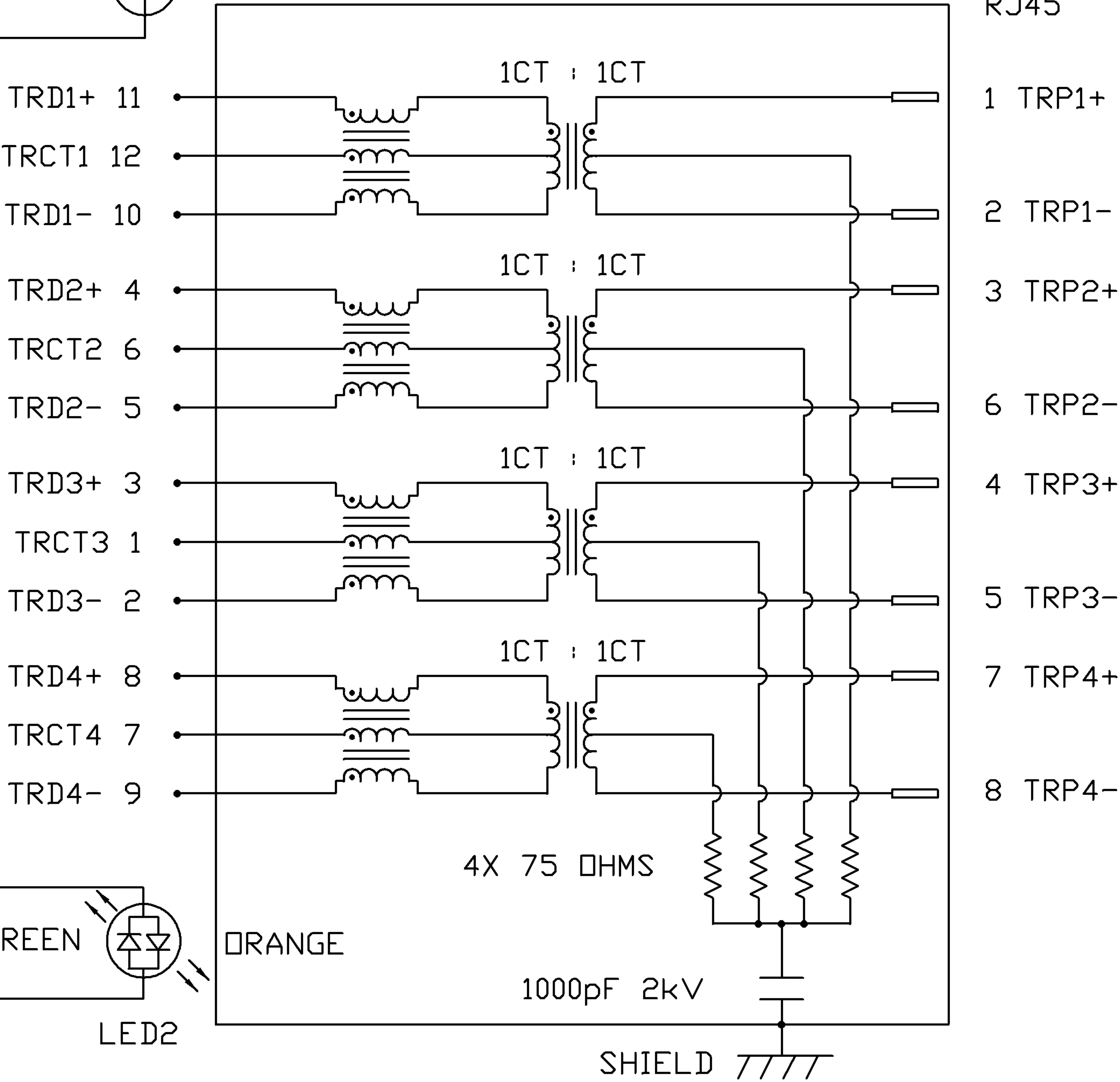
VF (FORWARD VOLTAGE)	IF=20mA	YELLOW	2.1V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA	YELLOW	590nm TYP.

LED 2

VF (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
		ORANGE	2.0V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA	GREEN	565nm TYP.
		ORANGE	610nm TYP.



SCHEMATIC



ORIGINATED BY		DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
CHOW WANCHUNG		08-07-08			TOL. IN INCH		UNIT : INCH [mm]	REV. : B	
DRAWN BY		DATE			FILE NAME		SCALE : N/A	SIZE : A4	
LEE WEIDE		08-07-08			08261X2T43-F_B.DWG			PAGE : 2	

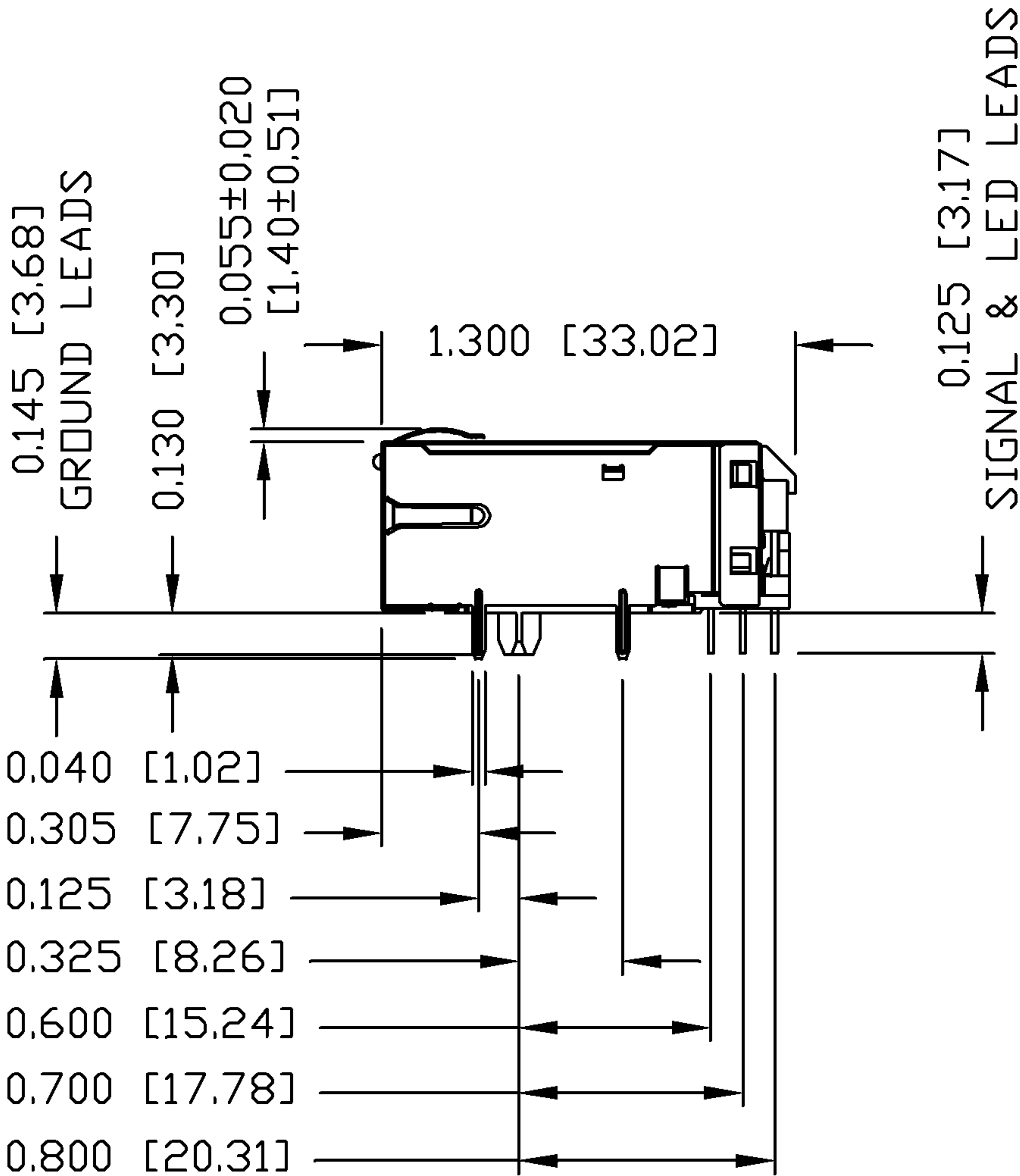
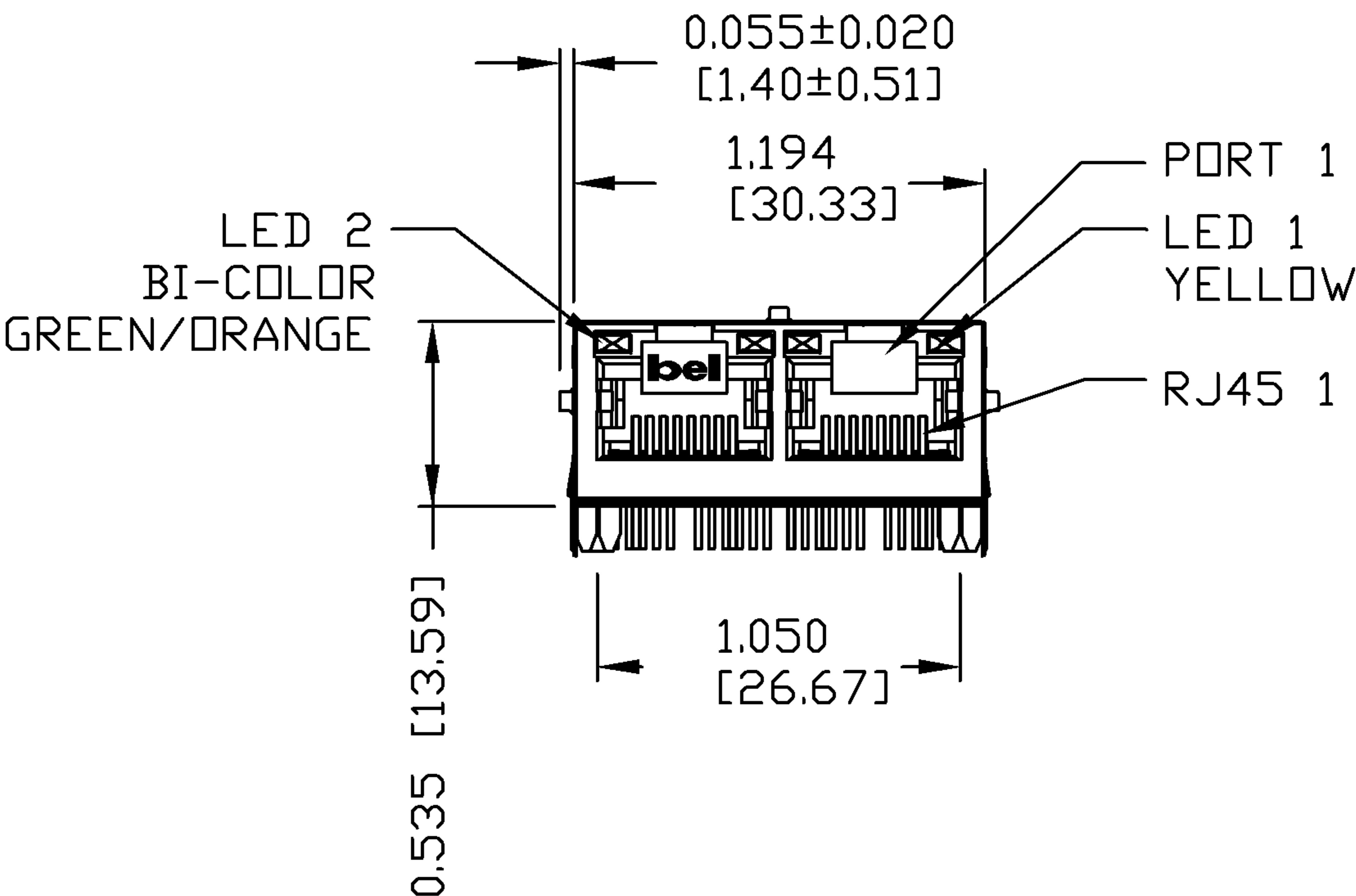
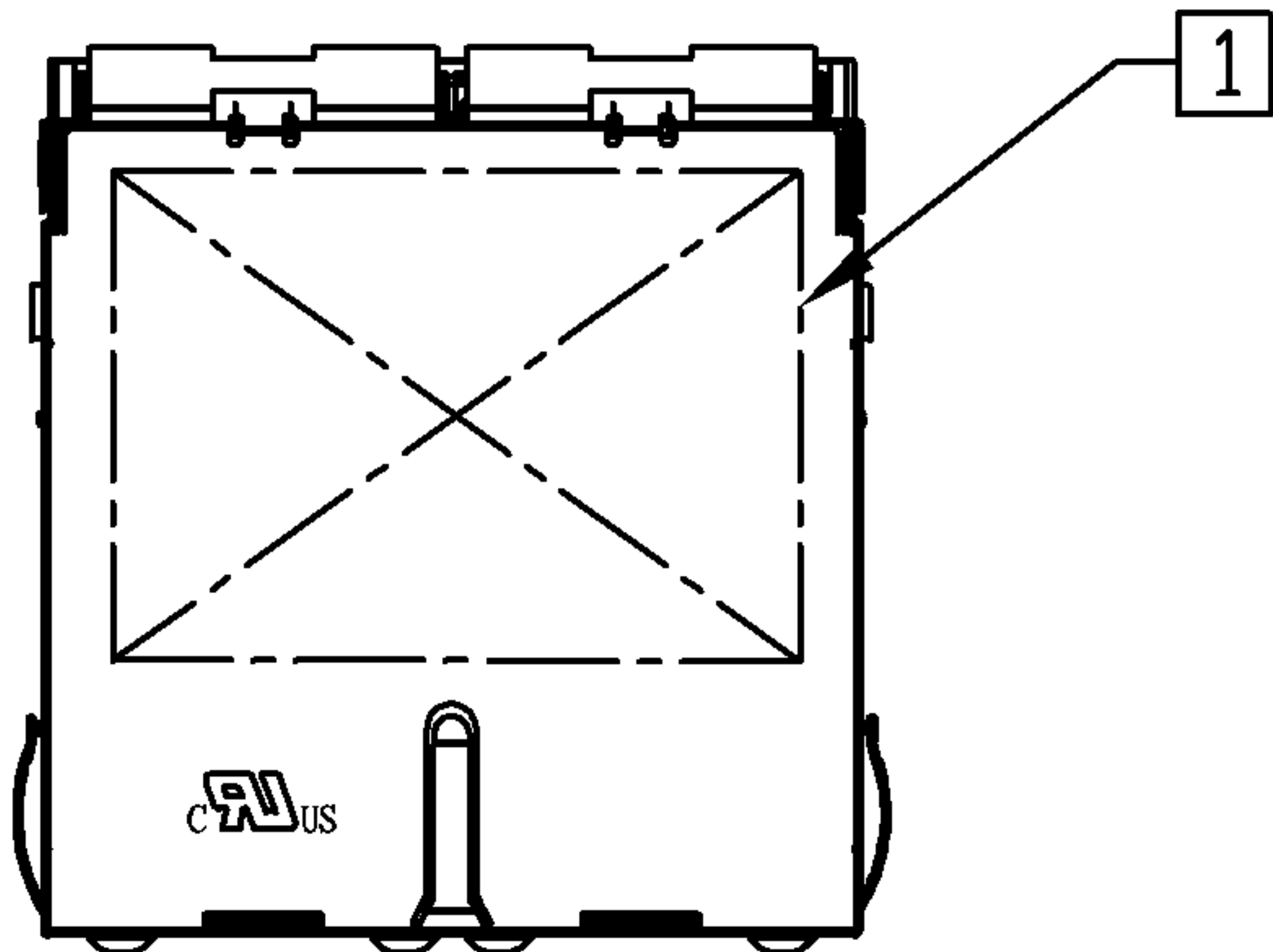
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RoHS
2002/95/EC



NOTES:

PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0
CONTACTS PLATING: 30 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)



□ MARK PART WITH MFG LOGO, PART NUMBER, DATE CODE
AND MFG NAME.

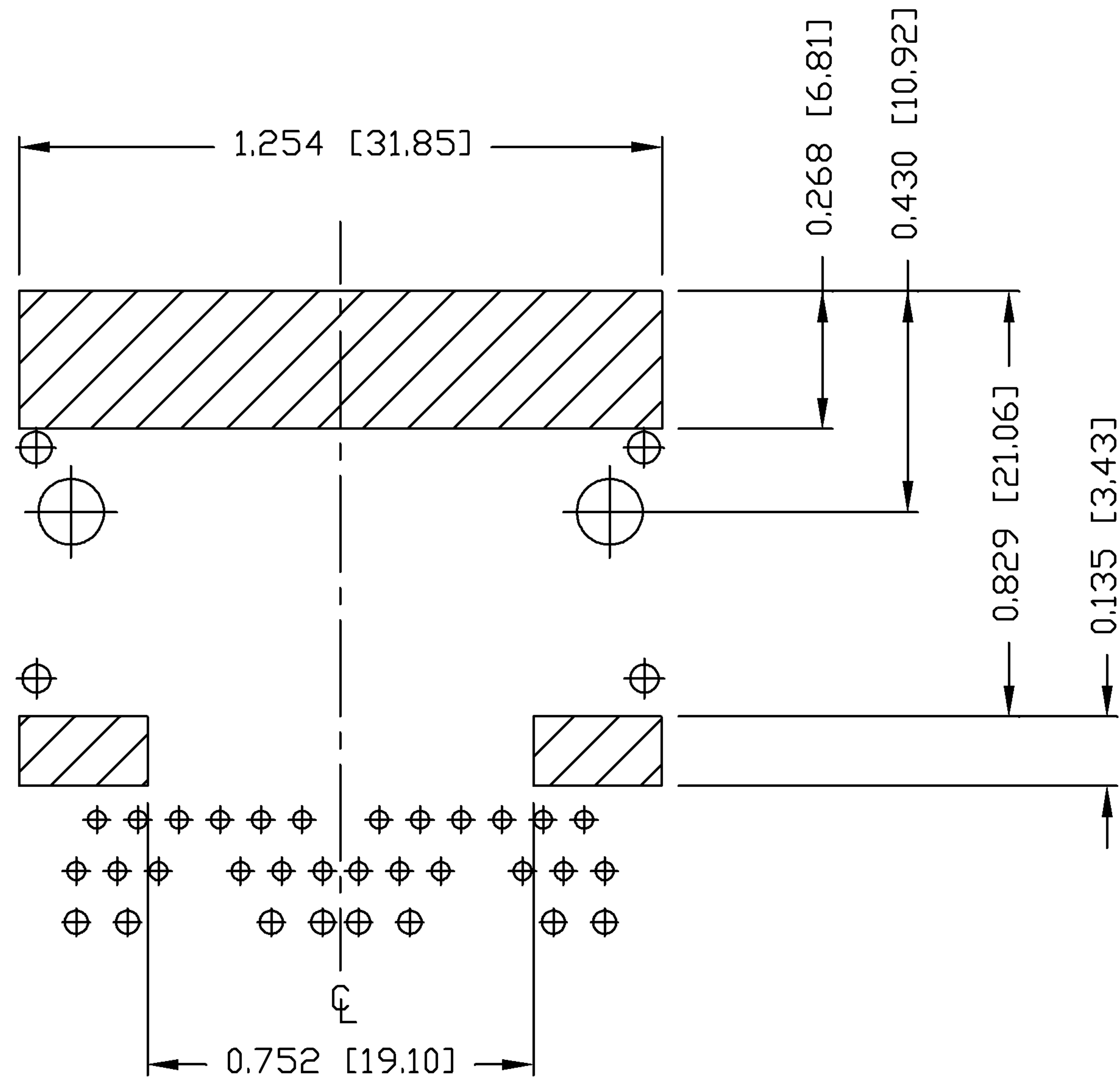
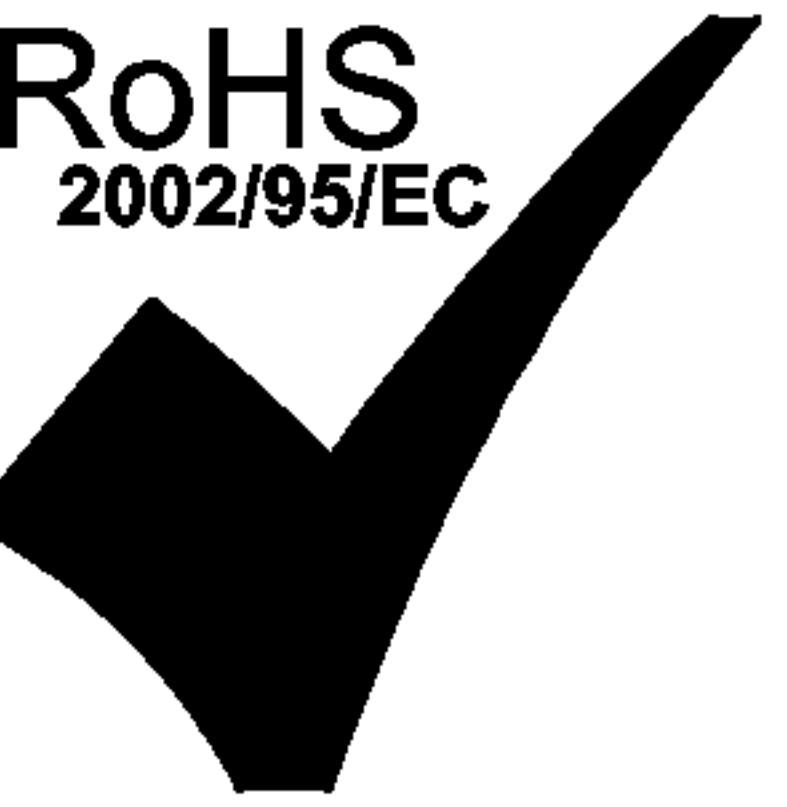
UL RECOGNIZED - FILE #E196366 AND E169987.
RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC
JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE	
				TOL. IN INCH		UNIT : INCH [mm]	REV. : B
ZX HUANG	08-07-08	1X2 gigabit MagJack® (TAB-UP WITH LEDS) 0826-1X2T-43-F	08261X2T43-F FILE NAME 08261X2T43-F_B.DWG	.X		SCALE : N/A	SIZE : A4
DRAWN BY	DATE			.XX			PAGE : 3
BL CHEN	08-07-08			.XXX	±0.010		



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RoHS
2002/95/EC

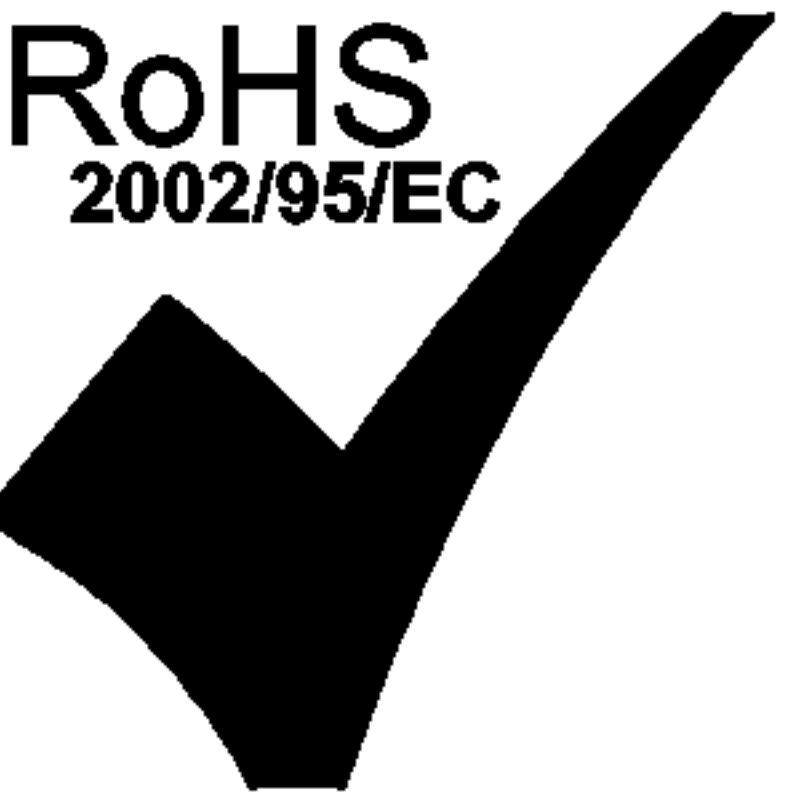


NOTES

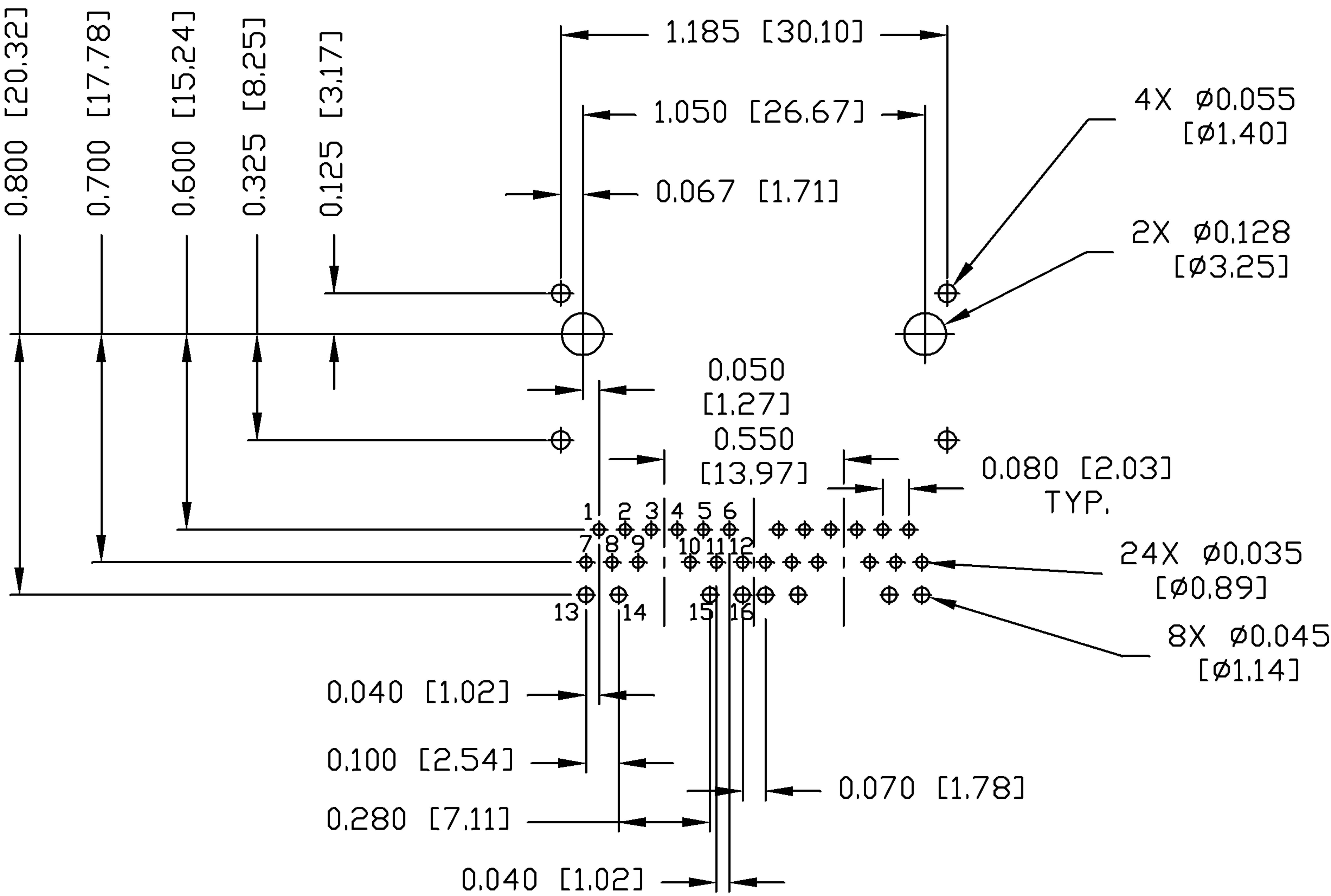
THE SHADED AREA ON THE CUSTOMER BOARD ARE RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR COMPONENT PAD.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
ZX HUANG	08-07-08	1X2 gigabit MagJack®	08261X2T43-F		UNIT : INCH [mm] REV. : B
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A SIZE : A4
BL CHEN	08-07-08	(TAB-UP WITH LEDS)	08261X2T43-F_B.DWG	.XX	
				.XXX	±0.004
					⊕





RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW

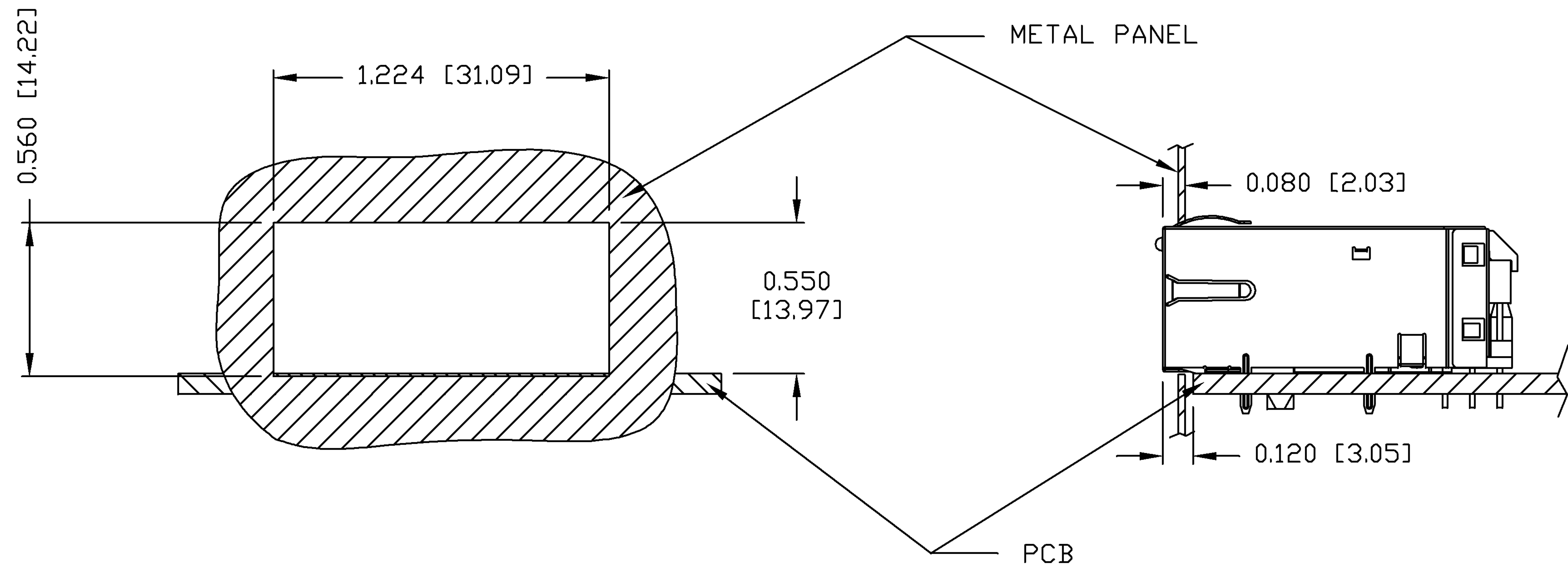


ORIGINATED BY ZX HUANG	DATE 08-07-08	TITLE 1X2 gigabit MagJack® (TAB-UP WITH LEDS) 0826-1X2T-43-F	PART NO. / DRAWING NO. 08261X2T43-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE	
				.X		UNIT : INCH [mm]	REV. : B
DRAWN BY BL CHEN	DATE 08-07-08		FILE NAME 08261X2T43-F_B.DWG	.XX		SCALE : N/A	SIZE : A4
				.XXX	±0.004		PAGE : 5





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-I1 (TOP)
0200-9999-I2 (BOTTOM)

PACKING QUANTITY: 49 PCS FINISHED GOODS PER TRAY
7 TRAYS (343 PCS FINISHED GOODS) PER CARTON BOX.

NOTE: CARDBOARD ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX.
(INCLUDE THE UPPERMOST AND LOWEREST TRAY)

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE	
ZX HUANG	08-07-08	1X2 gigabit MagJack® (TAB-UP WITH LEDS) 0826-1X2T-43-F	08261X2T43-F	TOL. IN INCH	UNIT : INCH [mm]	REV. : B
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4
BL CHEN	08-07-08		08261X2T43-F_B.DWG	.XX		PAGE : 6
				.XXX ±0.004		

