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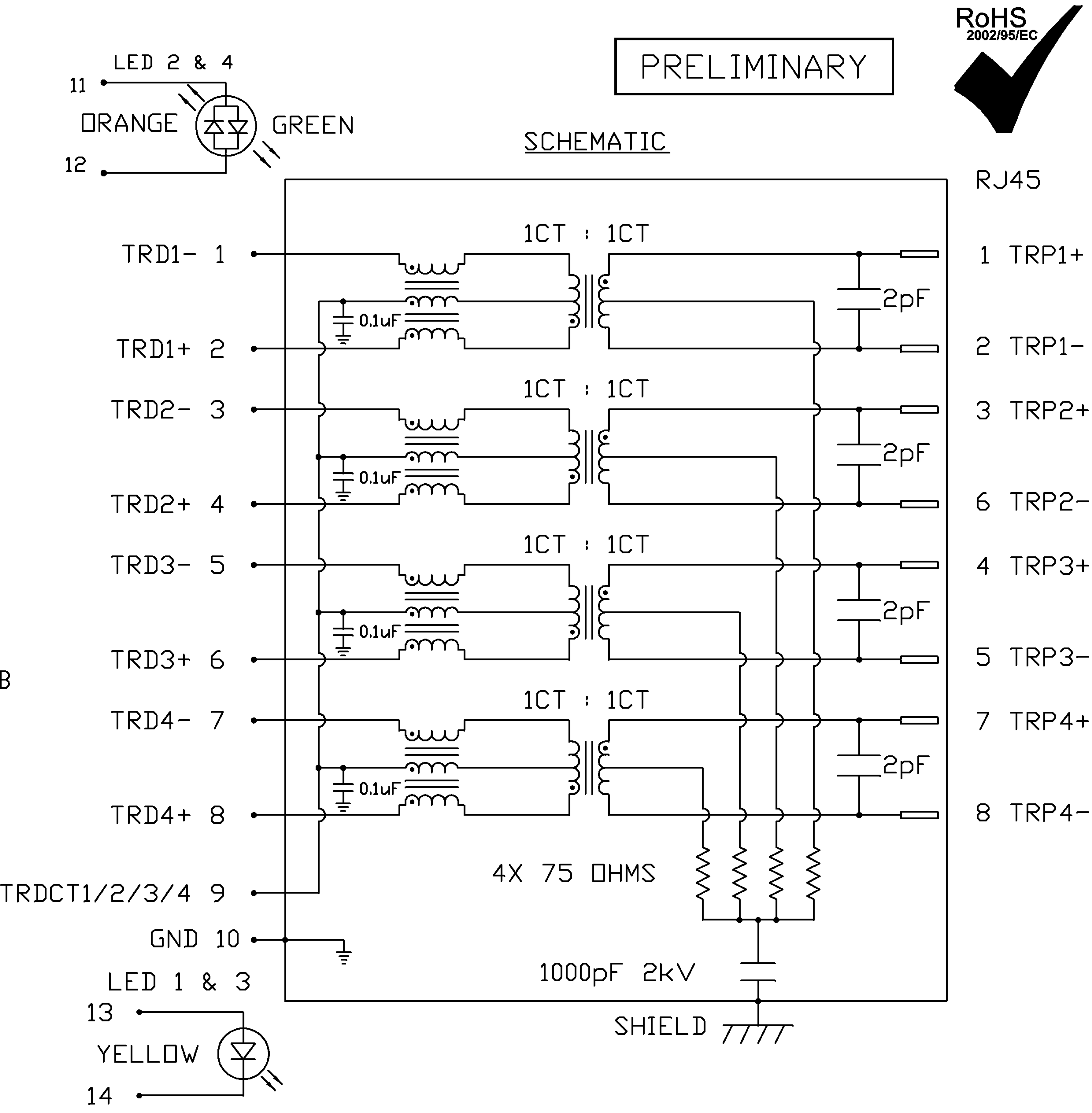
LED 2 & 4 POLARITY			LED 1& 3 POLARITY		
PIN 11	PIN 12	COLOR	PIN 13	PIN 14	COLOR
+	-	GREEN	+	-	YELLOW
-	+	ORANGE			

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	350µH MIN.
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)	
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):	1500 Vrms
100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS.	

LED 2 & 4			
VF (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
		ORANGE	2.0V TYP.
LED 1 & 3			
VF (FORWARD VOLTAGE)	IF=20mA	GREEN	565nm TYP.
		ORANGE	610nm TYP.
LED 1 & 3			
VF (FORWARD VOLTAGE)	IF=20mA	YELLOW	2.1V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA	YELLOW	590nm TYP.



ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[ ] METRIC DIM. AS REFERENCE
CHOW WANCHUNG	11-29-08	2X1 gigabit MagJack®	0879-2X1R-Y6	TOL. IN INCH	UNIT : INCH [mm] REV. : PB
DRAWN BY	DATE	WITH UPPER AND LOWER LED	FILE NAME	.X	SCALE : N/A SIZE : A4
WEIDE LEE	11-29-08	(8 Cores)	0879-2X1R-Y6_PB.DWG	.XX	PAGE : 2
				.XXX	

RoHS 2002/95/EC

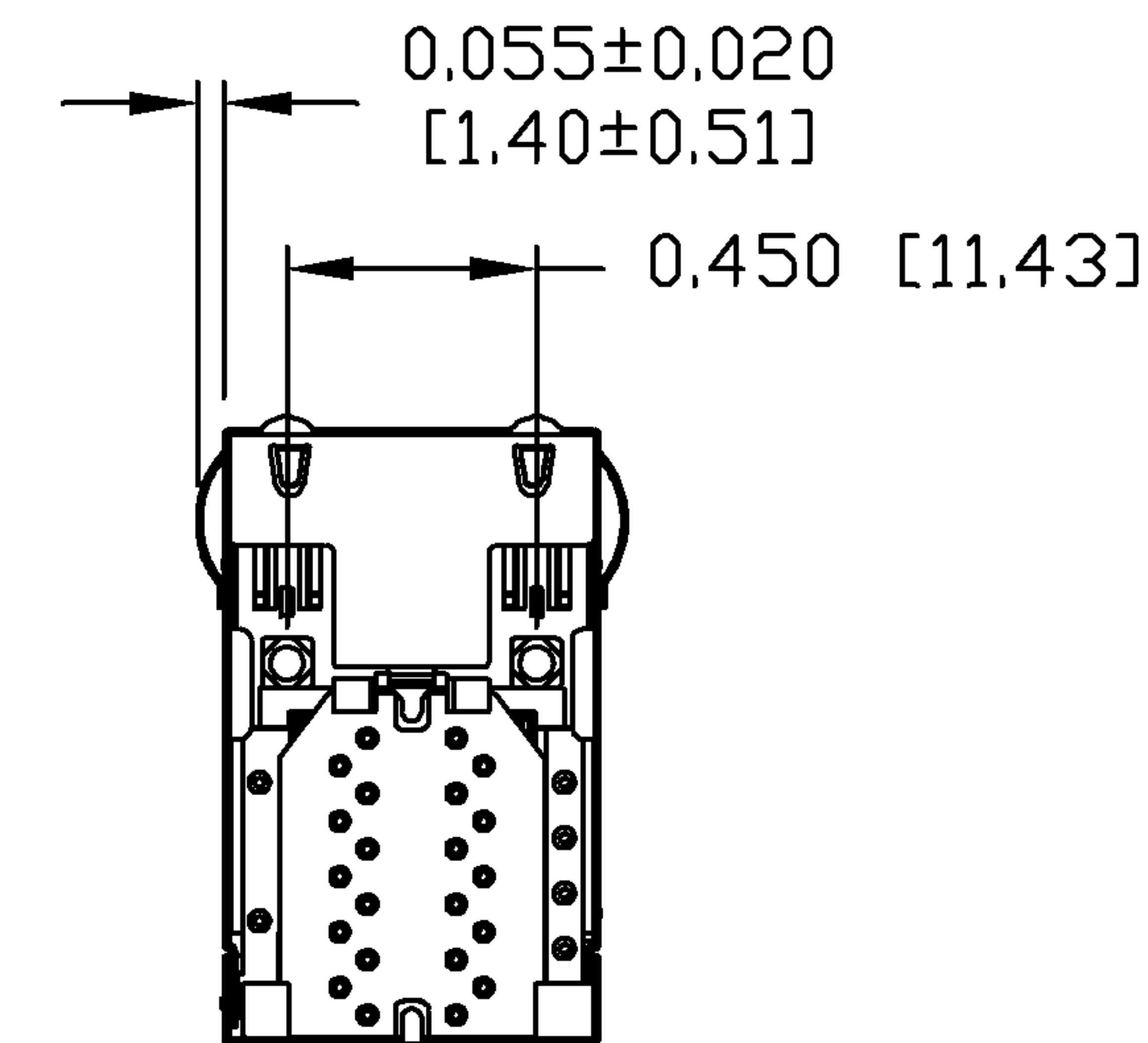
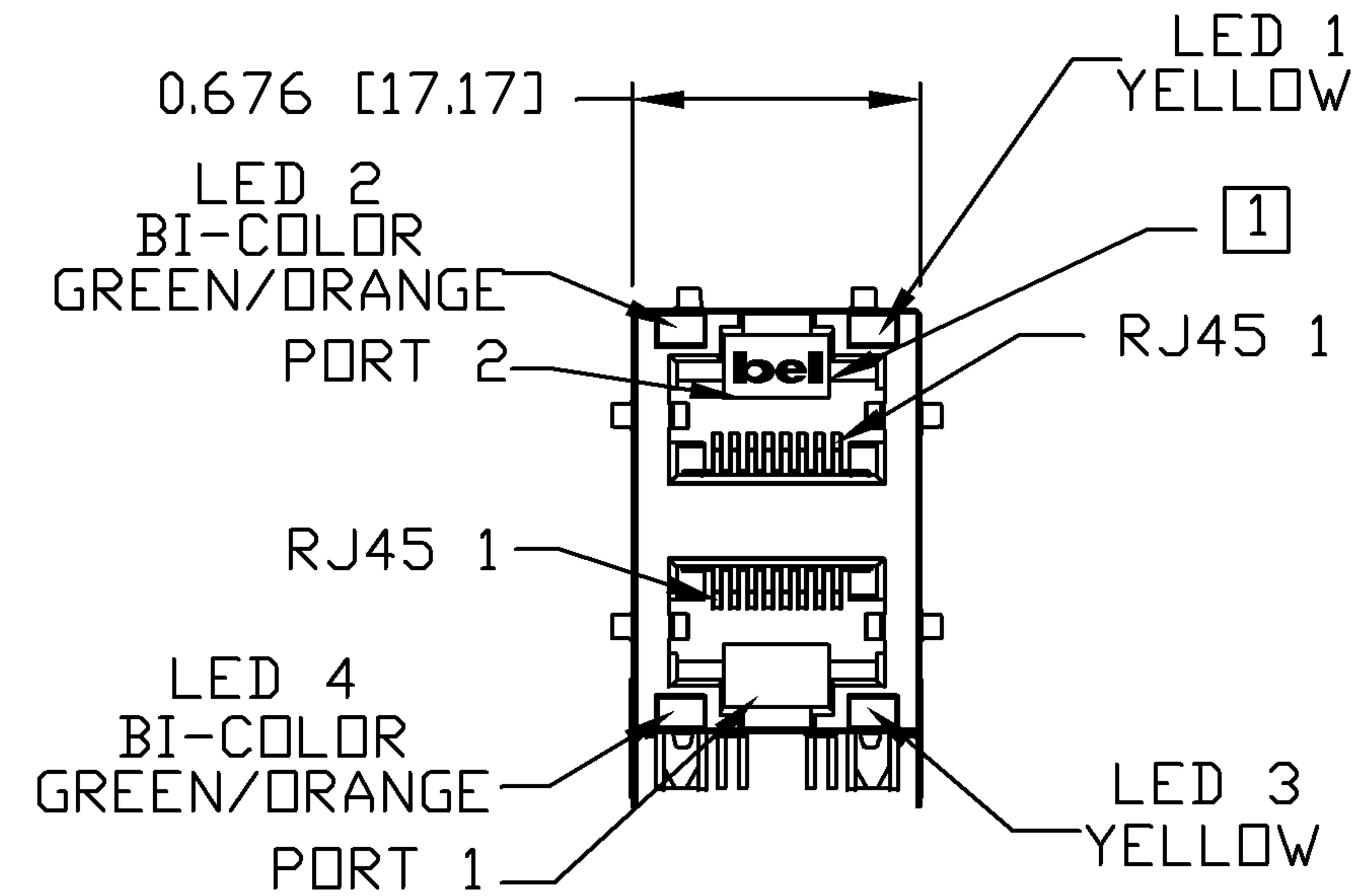
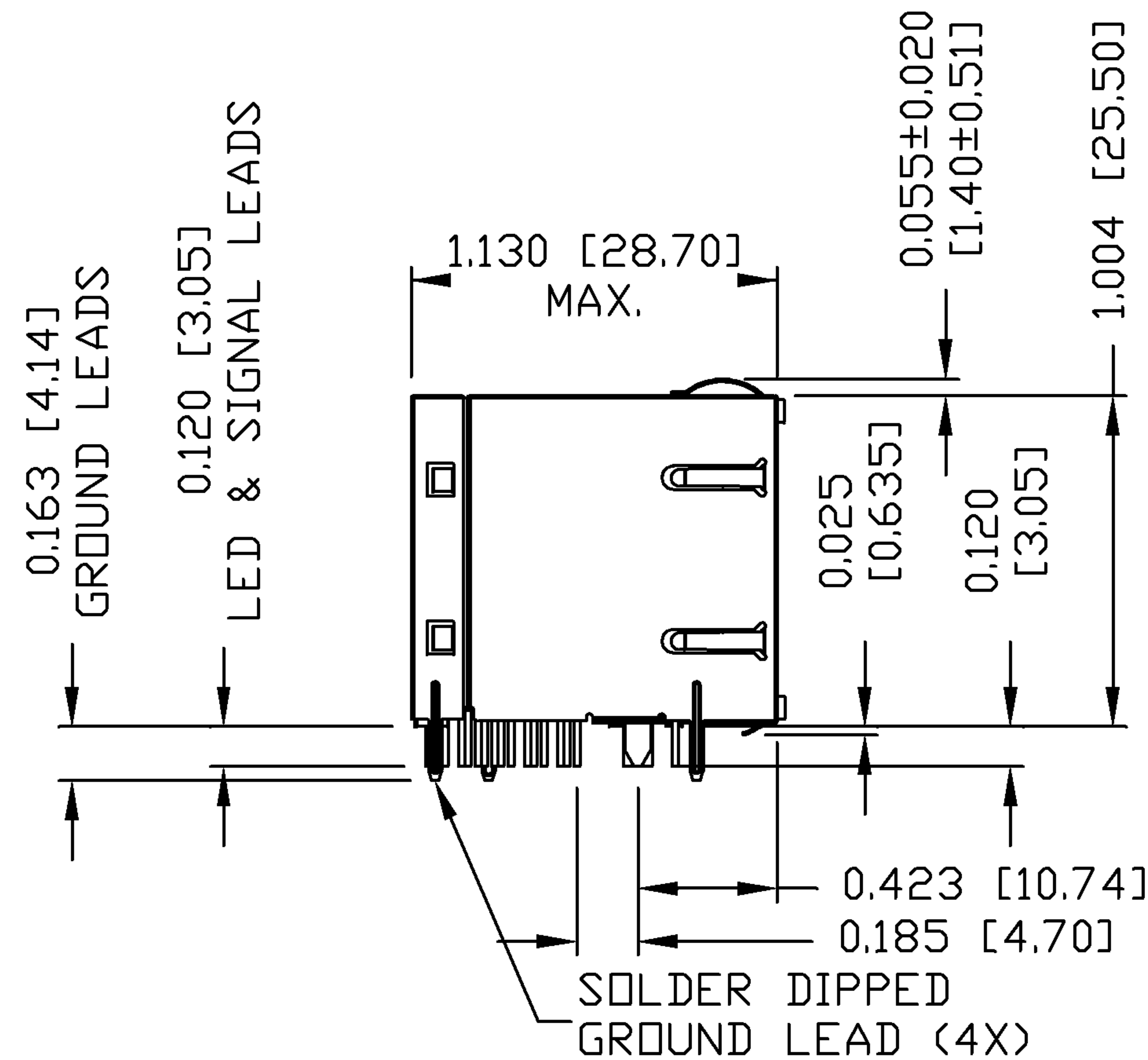
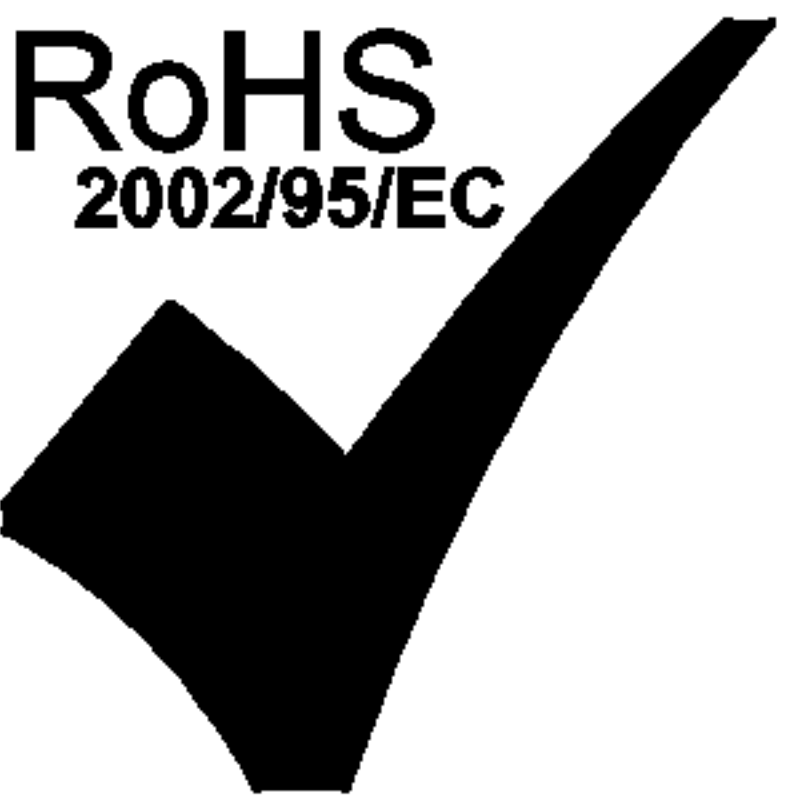
bel

COMPONENTS FOR A CONNECTED PLANET

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PRELIMINARY

RoHS  
2002/95/EC





NOTES:

PLASTIC HOUSING: THERMOPLASTIC PBT  
FLAMMABILITY RATING UL 94V-0  
CONTACT PLATING: 50 MICRO-INCH HARD GOLD PLATING  
OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.  
METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.  
(ALL GROUND LEADS ARE SOLDER DIPPED)

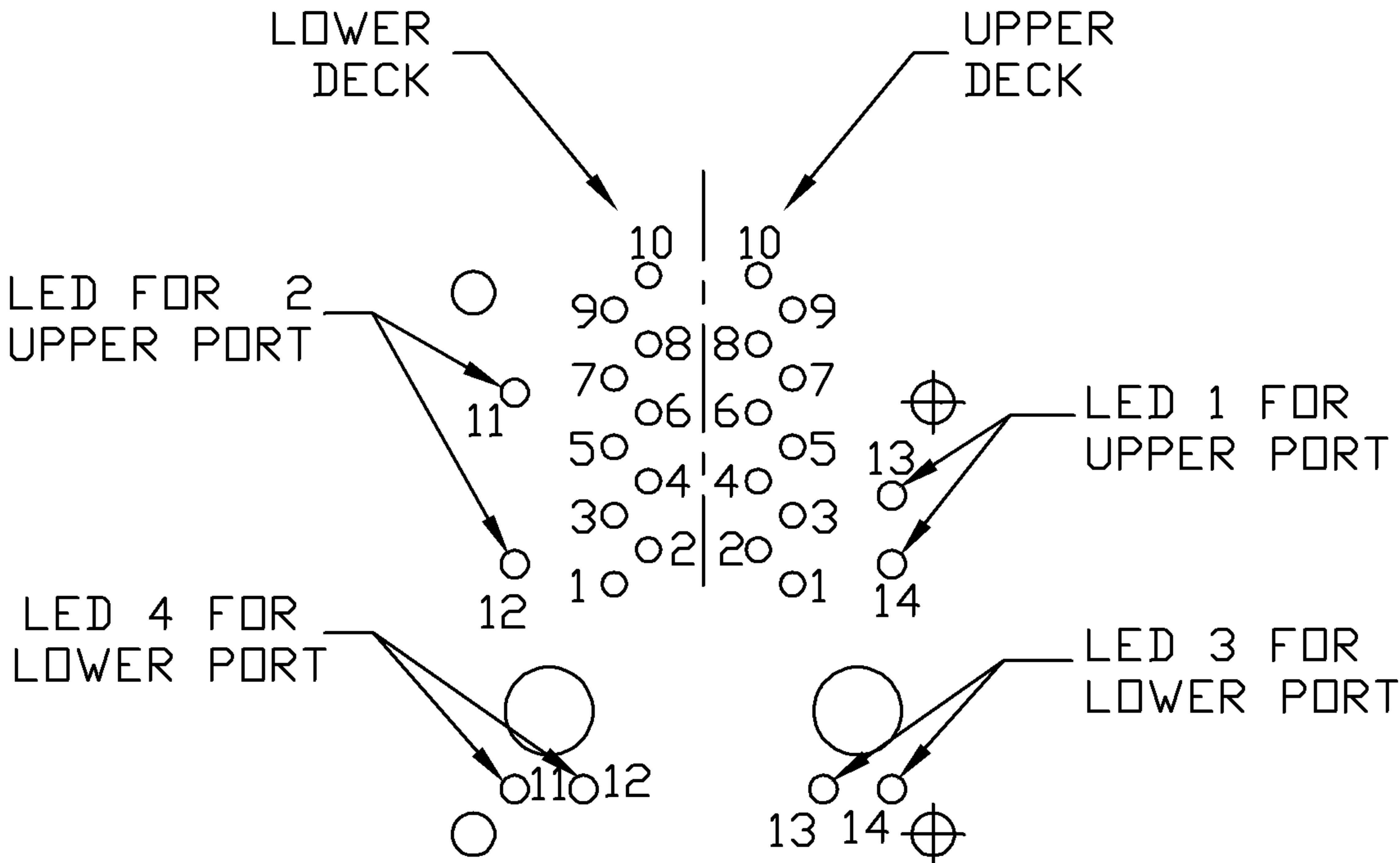
1. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.  
2. MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, AND DATE CODE.  
3. RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.

 US UL RECOGNIZED - FILE #E196366 AND E169987.

ORIGINATED BY		DATE	TITLE  2X1 gigabit MagJack®  WITH UPPER AND LOWER LED (8 Cores)	PART NO. / DRAWING NO.		STANDARD DIM.		[ ] METRIC DIM. AS REFERENCE		 <b>COMPONENTS</b> FOR A <b>CONNECTED</b> <b>PLANET</b>	
DAVID CAO		11-29-08		0879-2X1R-Y6		TOL. IN INCH		UNIT : INCH [mm]			REV. : PB
DRAWN BY		DATE		FILE NAME		.X		SCALE : N/A			SIZE : A4
LU XUEPING		11-29-08		0879-2X1R-Y6_PB.DWG		.XX					PAGE : 3
						.XXX		±0.010			

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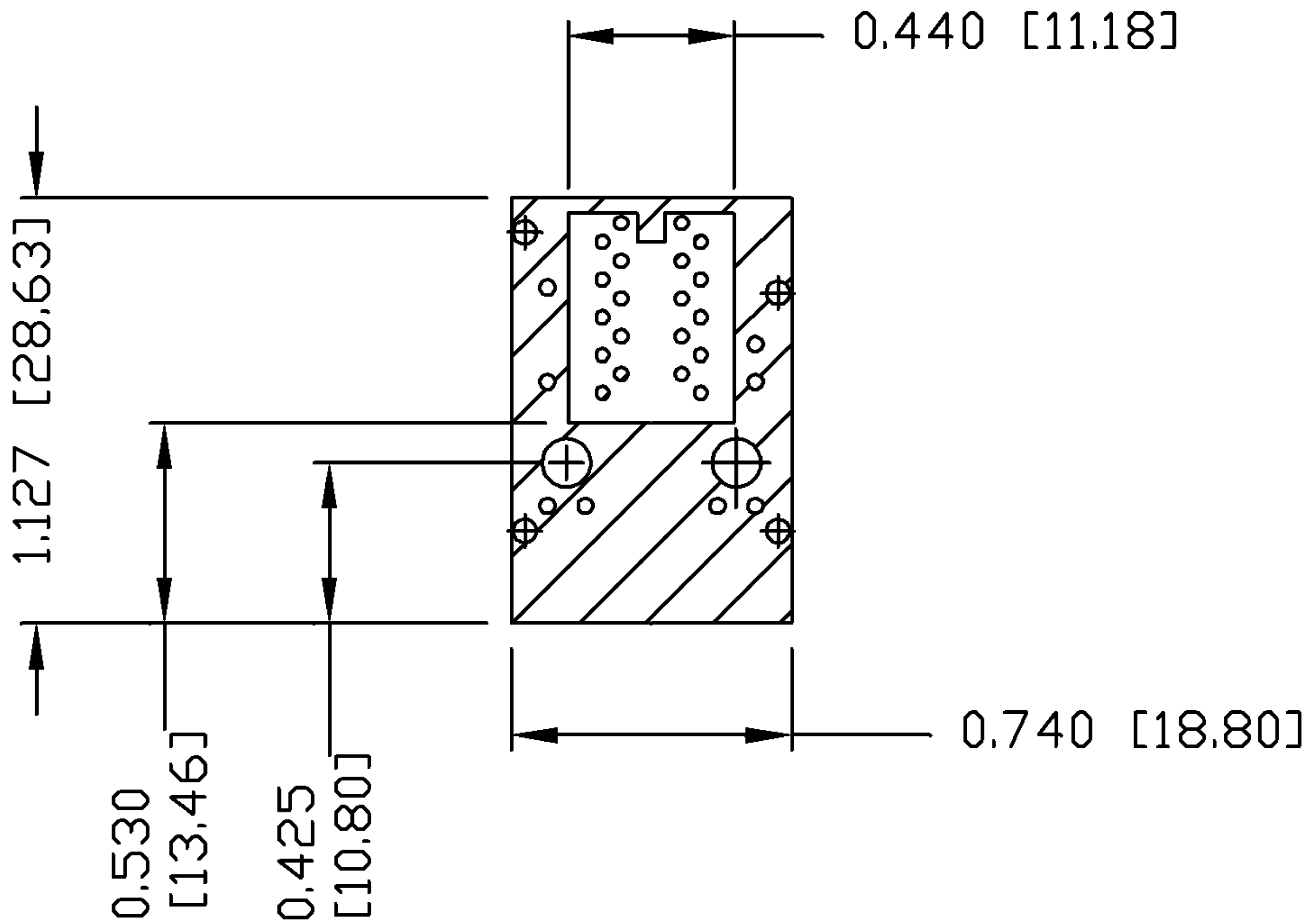
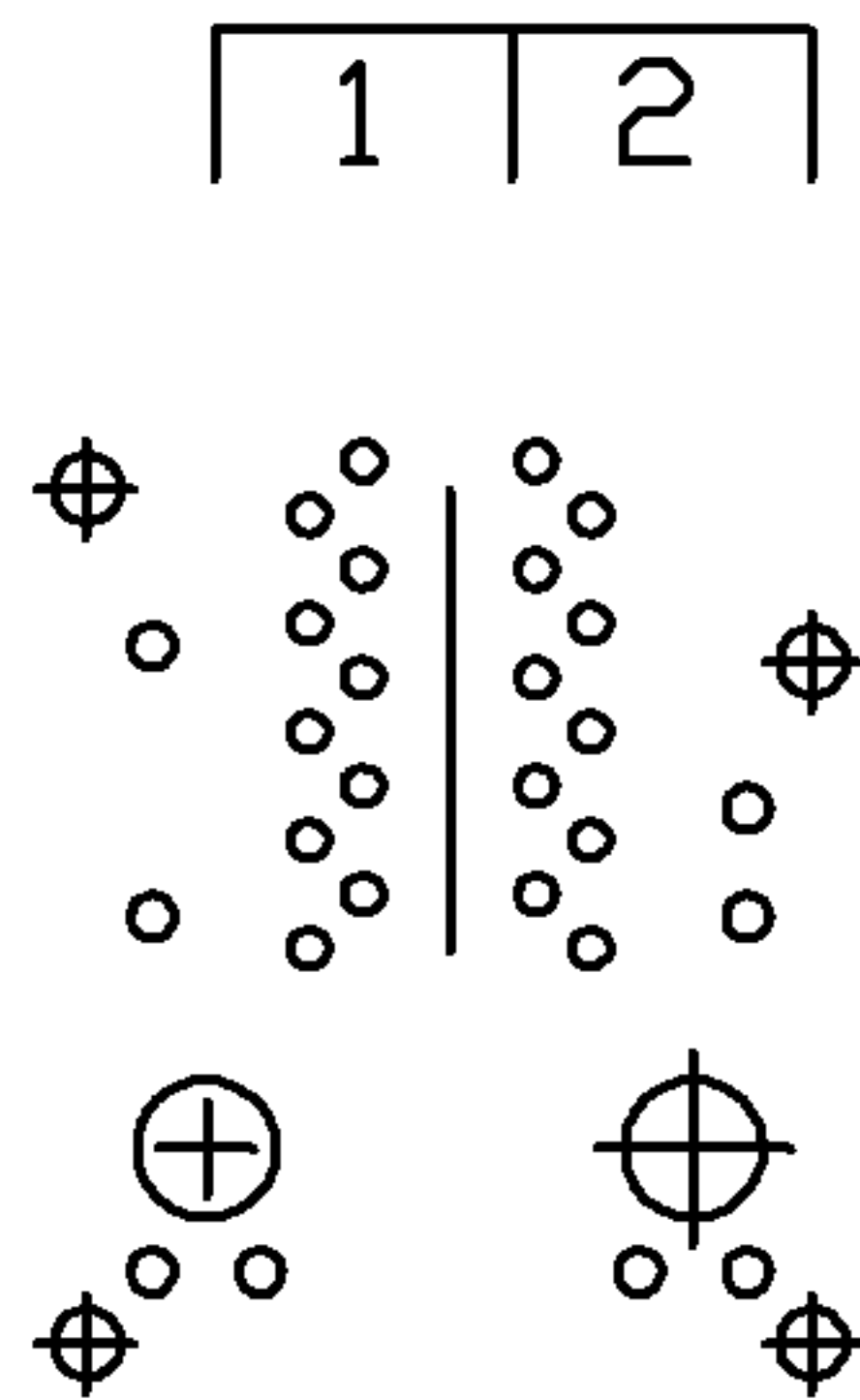
PRELIMINARY





PIN-OUT INFORMATION  
(COMPONENT SIDE VIEW)

14	YELLOW (-)
13	YELLOW (+)
12	ORANGE(+)/GREEN(-)
11	ORANGE(-)/GREEN(+)
10	GND
9	TRDCT1/2/3/4
8	TRD 4+
7	TRD 4-
6	TRD 3+
5	TRD 3-
4	TRD 2+
3	TRD 2-
2	TRD 1+
1	TRD 1-

PORT ASSIGNMENT  
(COMPONENT SIDE VIEW)



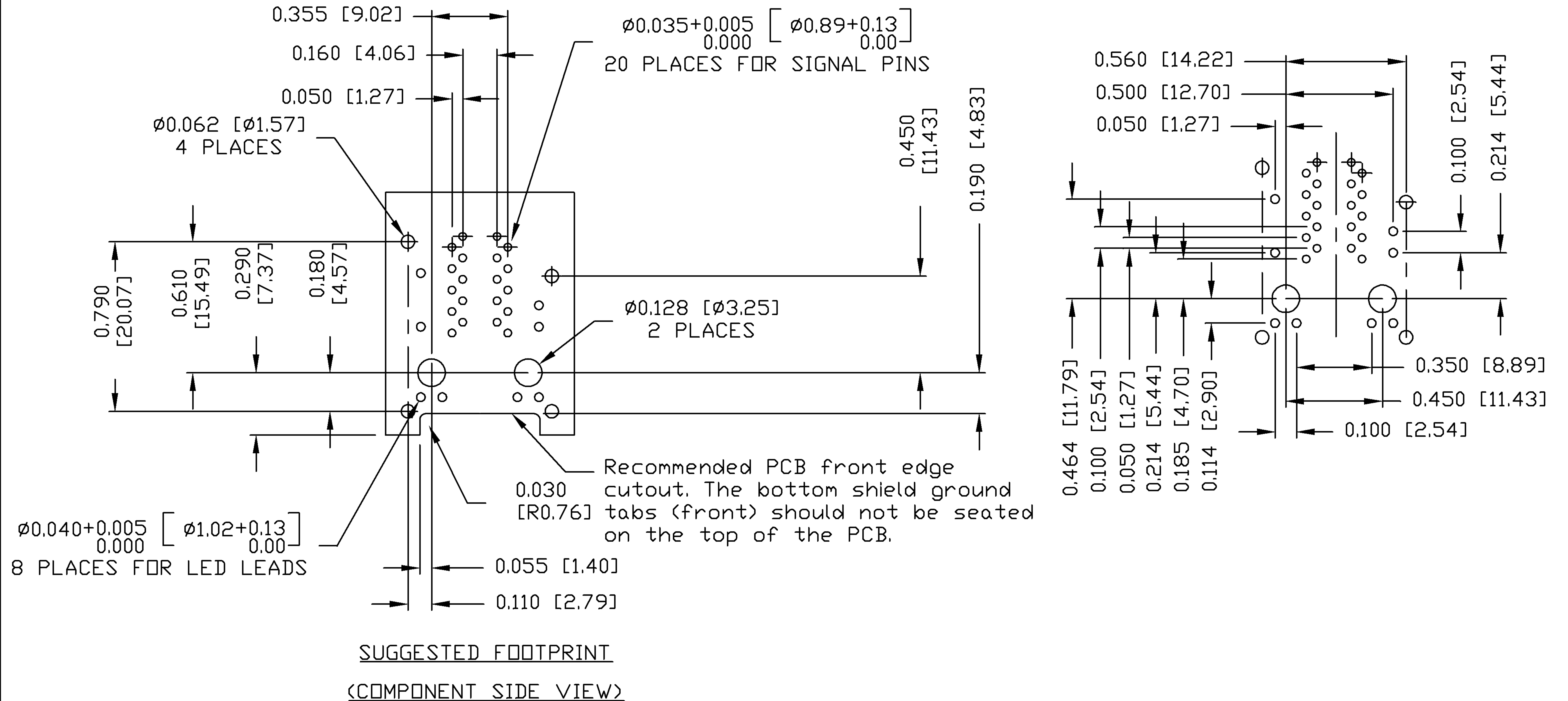
THE SHADED AREA ON THE CUSTOMER BOARD ARE RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR COMPONENT PAD.




ORIGINATED BY DAVID CAO	DATE 11-29-08	TITLE  2X1 gigabit MagJack®  WITH UPPER AND LOWER LED (8 Cores)	PART NO. / DRAWING NO. 0879-2X1R-Y6	STANDARD DIM. TOL. IN INCH		[ ] METRIC DIM. AS REFERENCE		  COMPONENTS FOR A CONNECTED PLANET™
DRAWN BY LU XUEPING	DATE 11-29-08		FILE NAME 0879-2X1R-Y6_PB.DWG	.X		UNIT : INCH [mm]	REV. : PB	
			.XX		SCALE : N/A	SIZE : A4		
			.XXX	±0.004		PAGE : 4		





PRELIMINARY



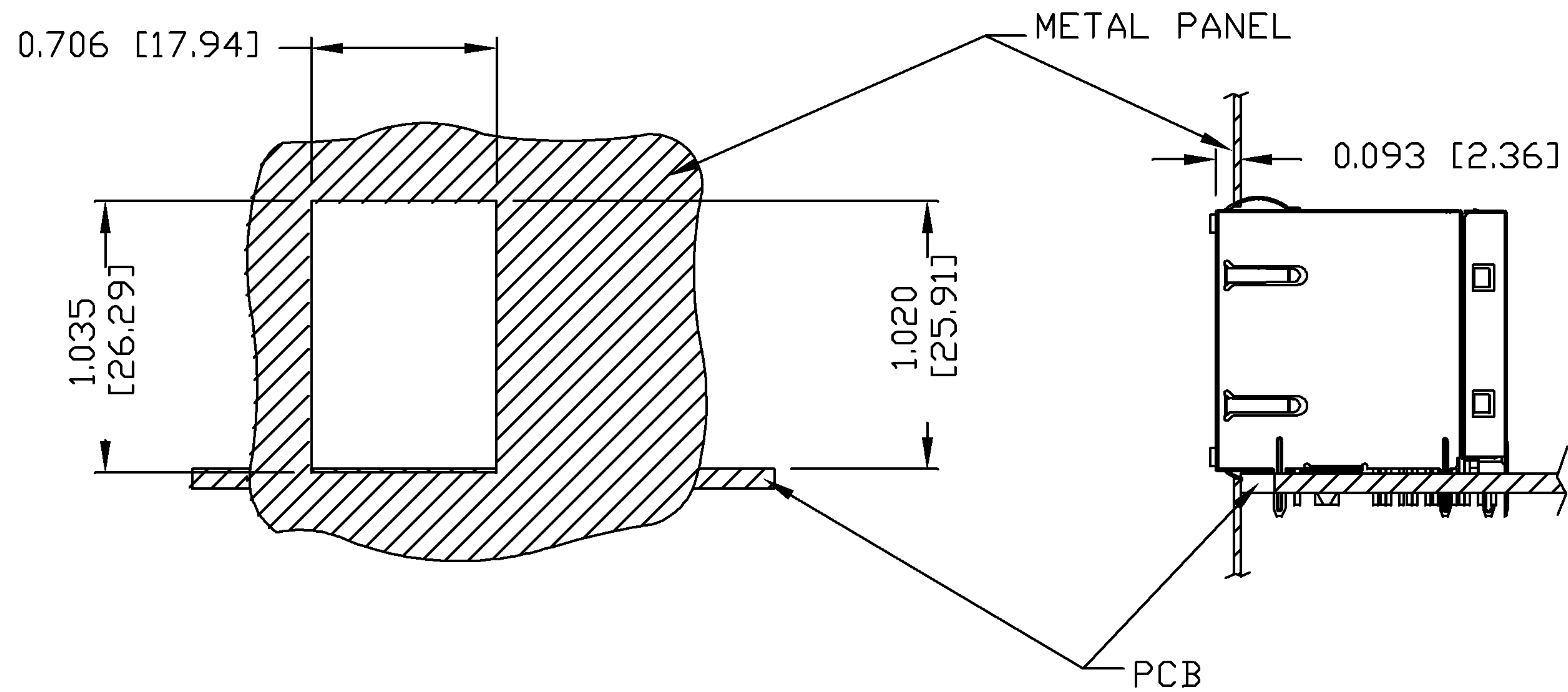
ORIGINATED BY	DATE	TITLE  2X1 gigabit MagJack®  WITH UPPER AND LOWER LED (8 Cores)	PART NO. / DRAWING NO.	STANDARD DIM.		[ ] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
DAVID CAD	11-29-08		0879-2X1R-Y6	TOL. IN INCH		UNIT : INCH [mm]    REV. : PB		
DRAWN BY	DATE		FILE NAME	.X		SCALE :    N/A    SIZE :    A4		
LU XUEPING	11-29-08			.XX		PAGE :    5		
		.XXX		±0.004 				

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PRELIMINARY



SUGGESTED PANEL OPENING



NOTE:

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-P8 (TOP)  
0200-9999-P9 (BOTTOM)  
PACKING QUANTITY : 40 PCS FINISHED GOODS PER TRAY  
7 TRAYS (280 PCS FINISHED GOODS) PER CARTON BOX

NOTE : CARDBOARDS ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX  
(INCLUDE THE UPPERMOST AND LOWERMOST TRAY)

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[ ] METRIC DIM. AS REFERENCE	
				TOL. IN INCH		UNIT : INCH [mm]	REV. : PB
DAVID CAO	11-29-08	2X1 gigabit MagJack® WITH UPPER AND LOWER LED (8 Cores)	0879-2X1R-Y6	.X	±0.004	SCALE : N/A	SIZE : A4
DRAWN BY	DATE		FILE NAME	.XX			PAGE : 6
LU XUEPING	11-29-08		0879-2X1R-Y6_PB.DWG	.XXX			

# Mouser Electronics

Authorized Distributor

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

[Bel:](#)

[0879-2X1R-Y6](#)