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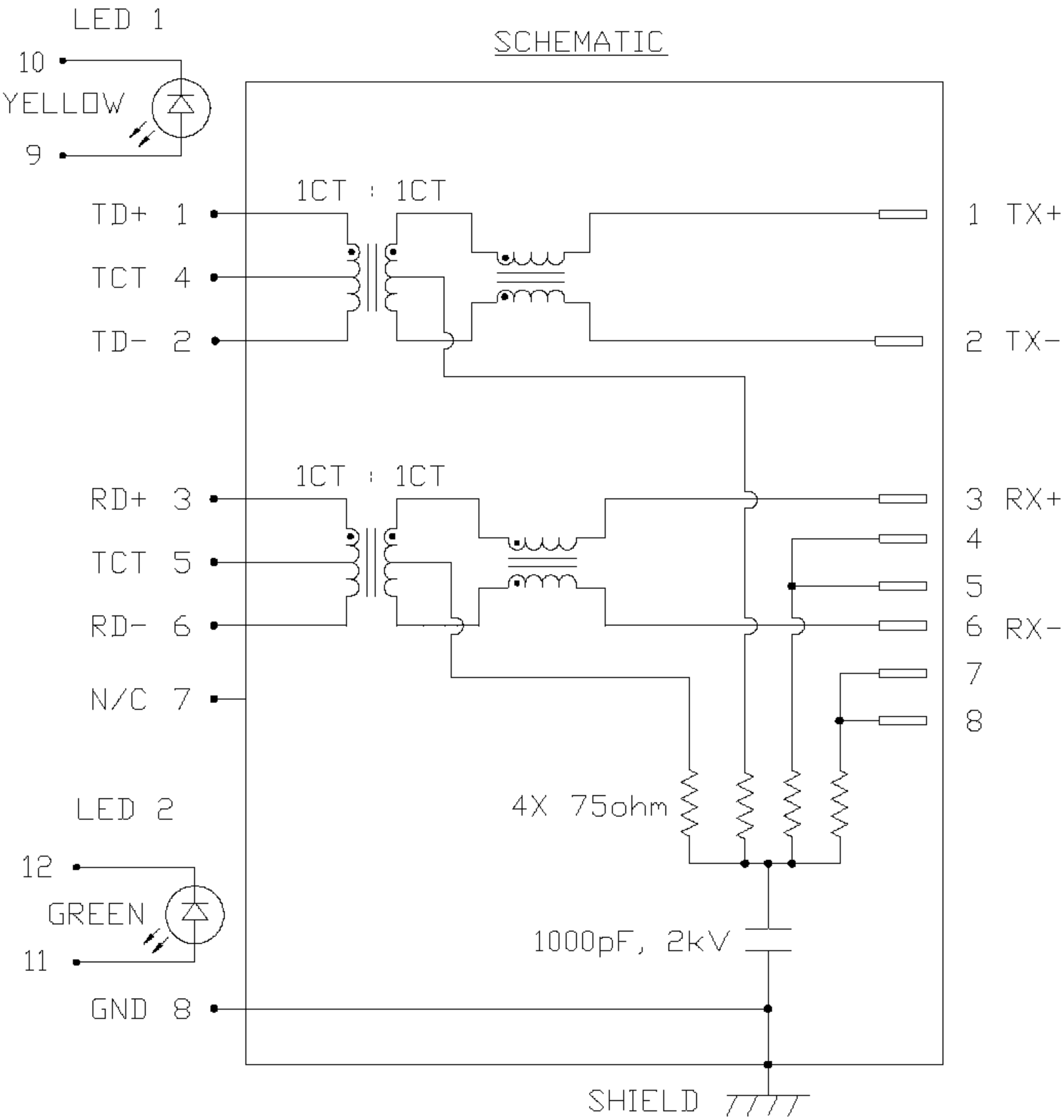
LED 1 POLARITY			LED 2 POLARITY		
PIN 10	PIN 9	COLOR	PIN 12	PIN 11	COLOR
-	+	YELLOW	-	+	GREEN

PRELIMINARY



ELECTRICAL CHARACTERISTICS @ 25°C

Turns Ratio	
TX	1CT : 1CT ±3%
RX	1CT : 1CT ±3%
OCCL @ 100kHz/100mVRMS	
8mA DC BIAS	350µH MIN.
INS. LOSS	
1MHz TO 100MHz	-1.1 dB MAX
RET. LOSS (MIN)	
1MHz-30MHz	-18 dB
60MHz-80MHz	-12 dB
CM TO CM REJ	
1MHz - 100MHz	-35 dB TYP
CROSS TALK	
1MHz - 100MHz	-40 dB TYP
LEAKAGE INDUCTANCE	
PRIMARY W/ SECONDARY SHORTED	0.3µH Max. @ 1MHz
INTERWINDING CAPACITANCE	
PER CHANNEL (PRI. TO SEC.)	30pF Max @ 1MHz
DC RESISTANCE	
(J3-J6)=(J1-J2)	1.2 ohms Max
HIPOT (Isolation Voltage):	1500 Vrms
100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS	
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.
λD (DOMINANT WAVELENGTH)	IF=20mA GREEN 565nm TYP.

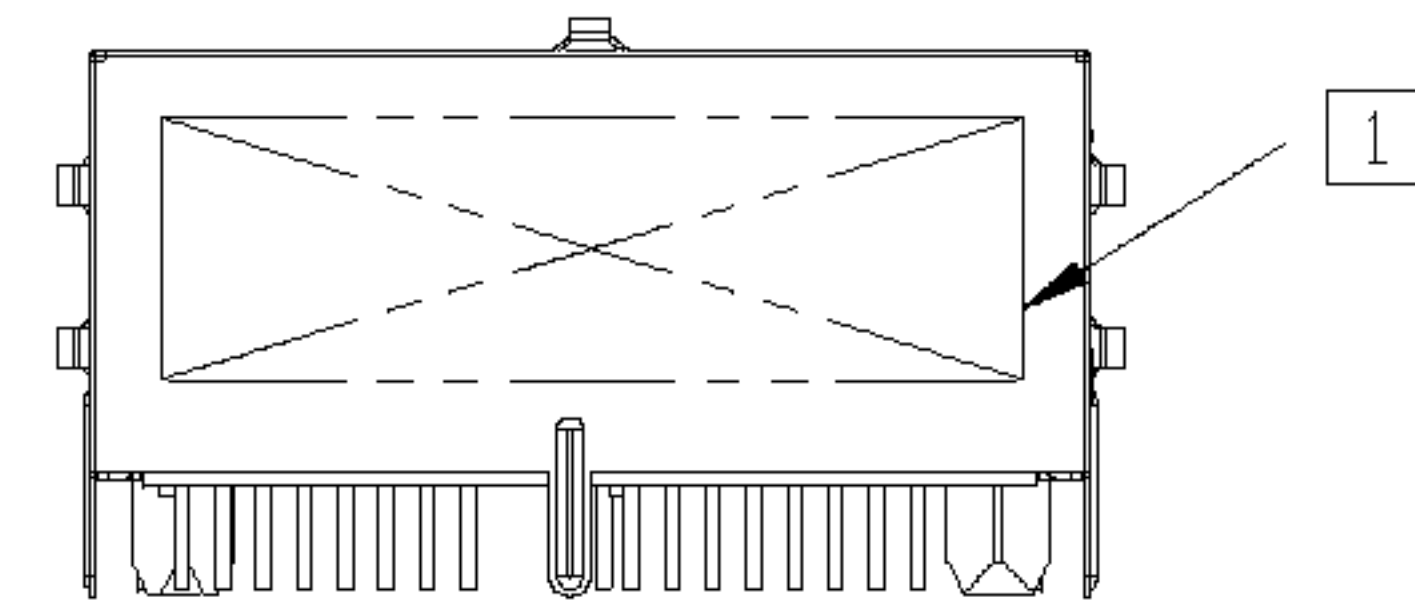
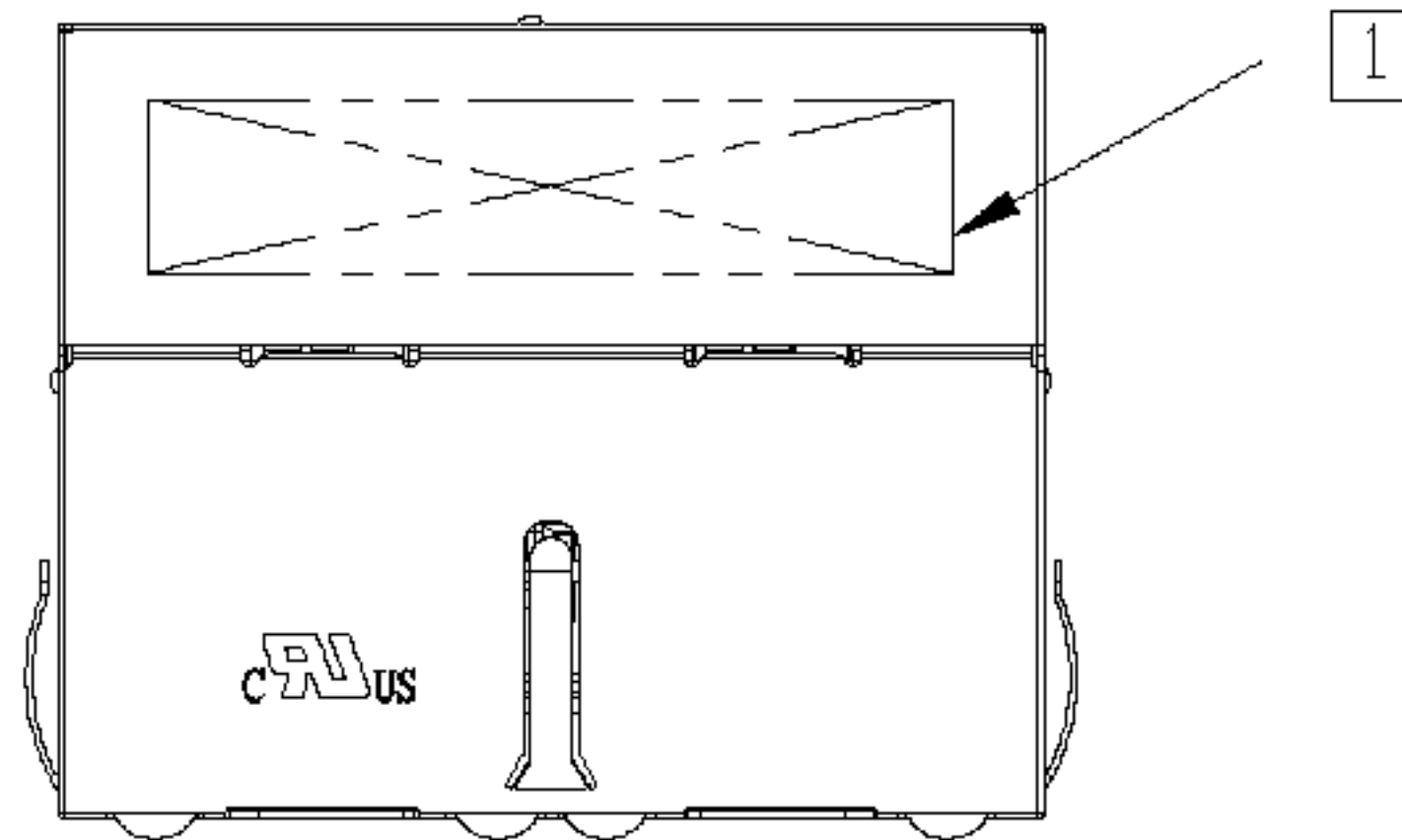


ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE	
WC CHUNG	06-30-07	1X2 MagJack® (with LED)	0875-1A2T-V5	TOL. IN INCH	UNIT : INCH [mm]	REV. : PA
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4
WEI DE LEE	06-30-07		0875-1A2T-V5_PA.DWG	.XX		PAGE : 2
				.XXX		

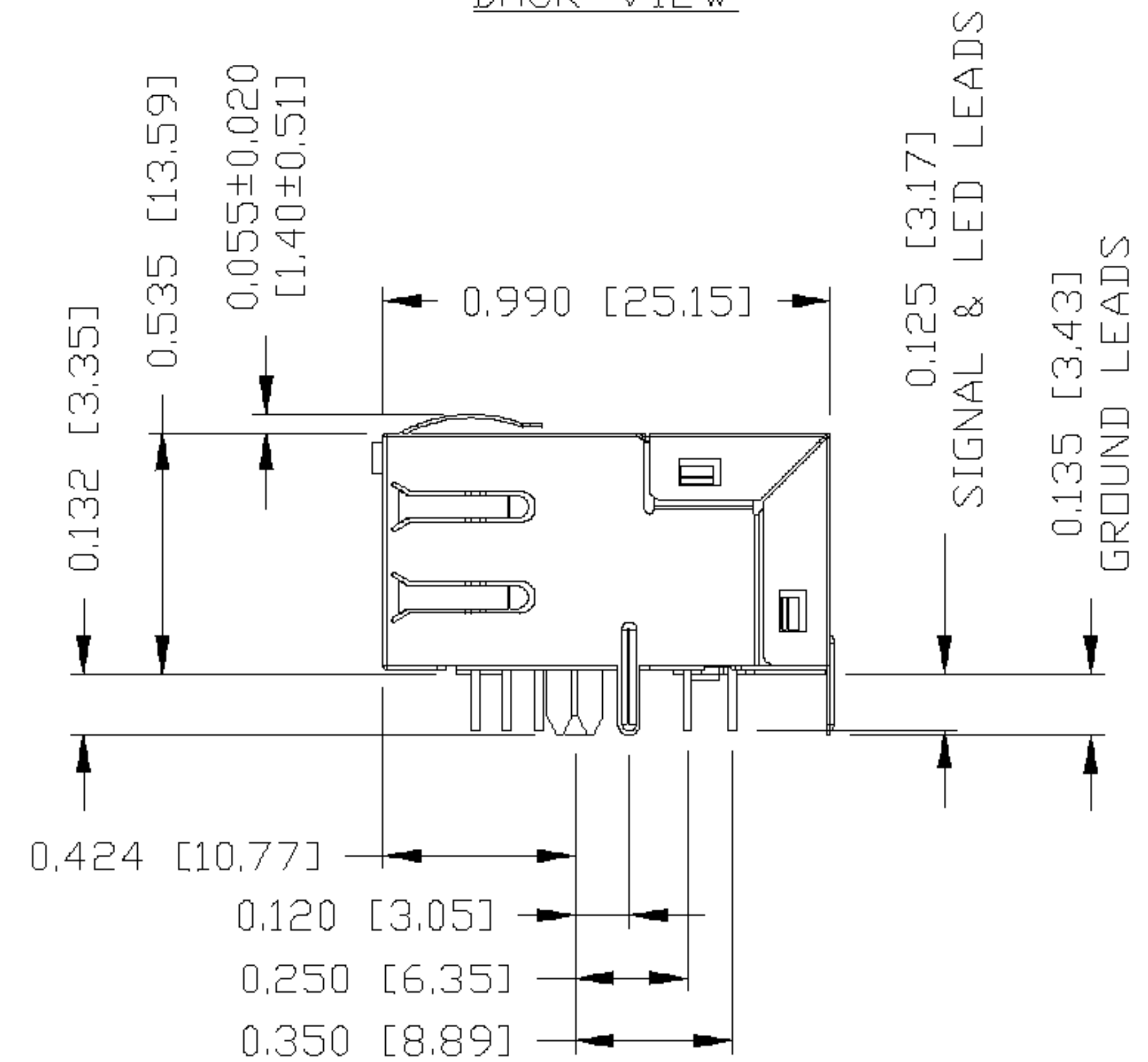
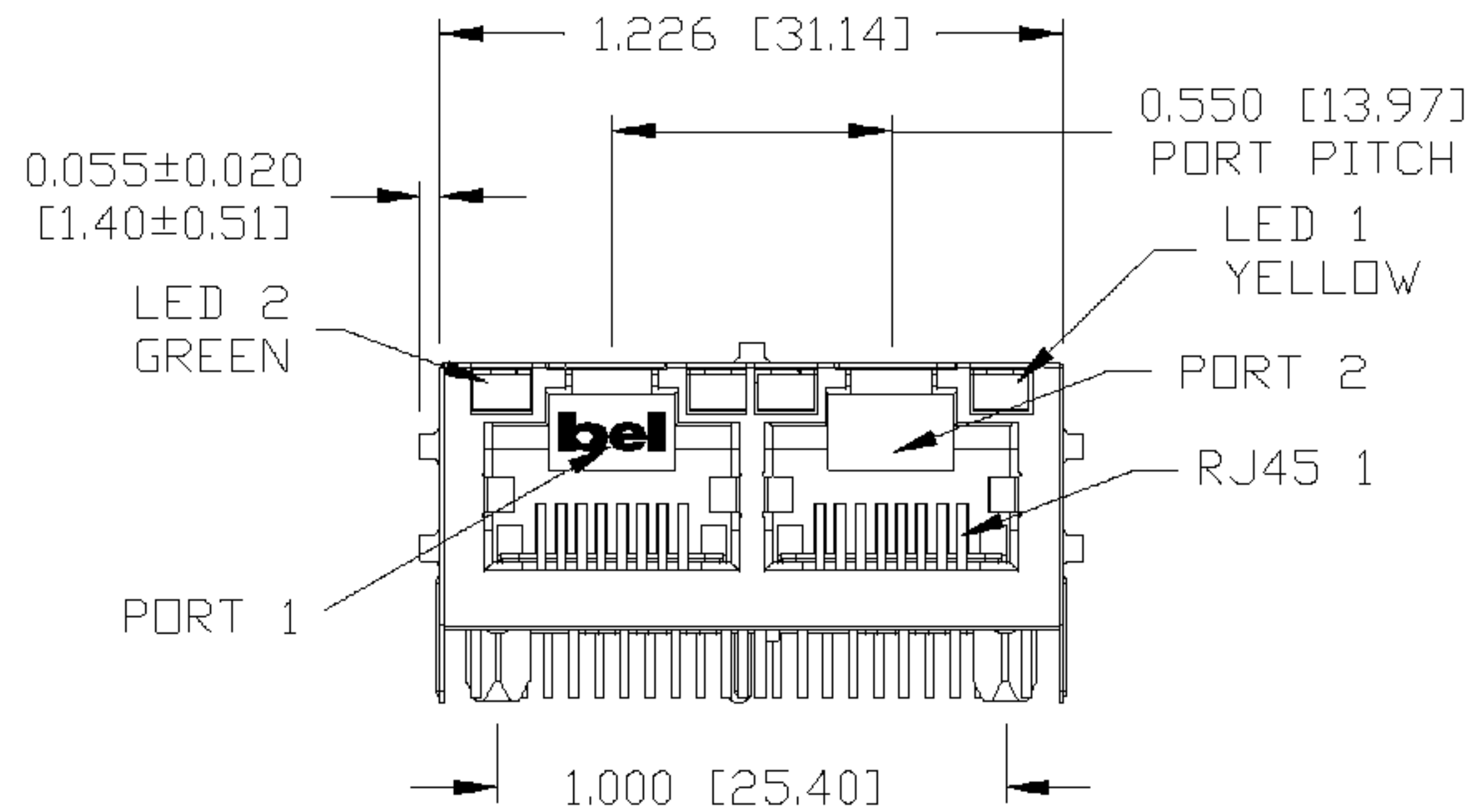
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PRELIMINARY

RoHS
2002/95/EC



BACK VIEW



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)

① MARK PART WITH MFG LOGO, PART NUMBER, DATE CODE AND MFG NAME.

② JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

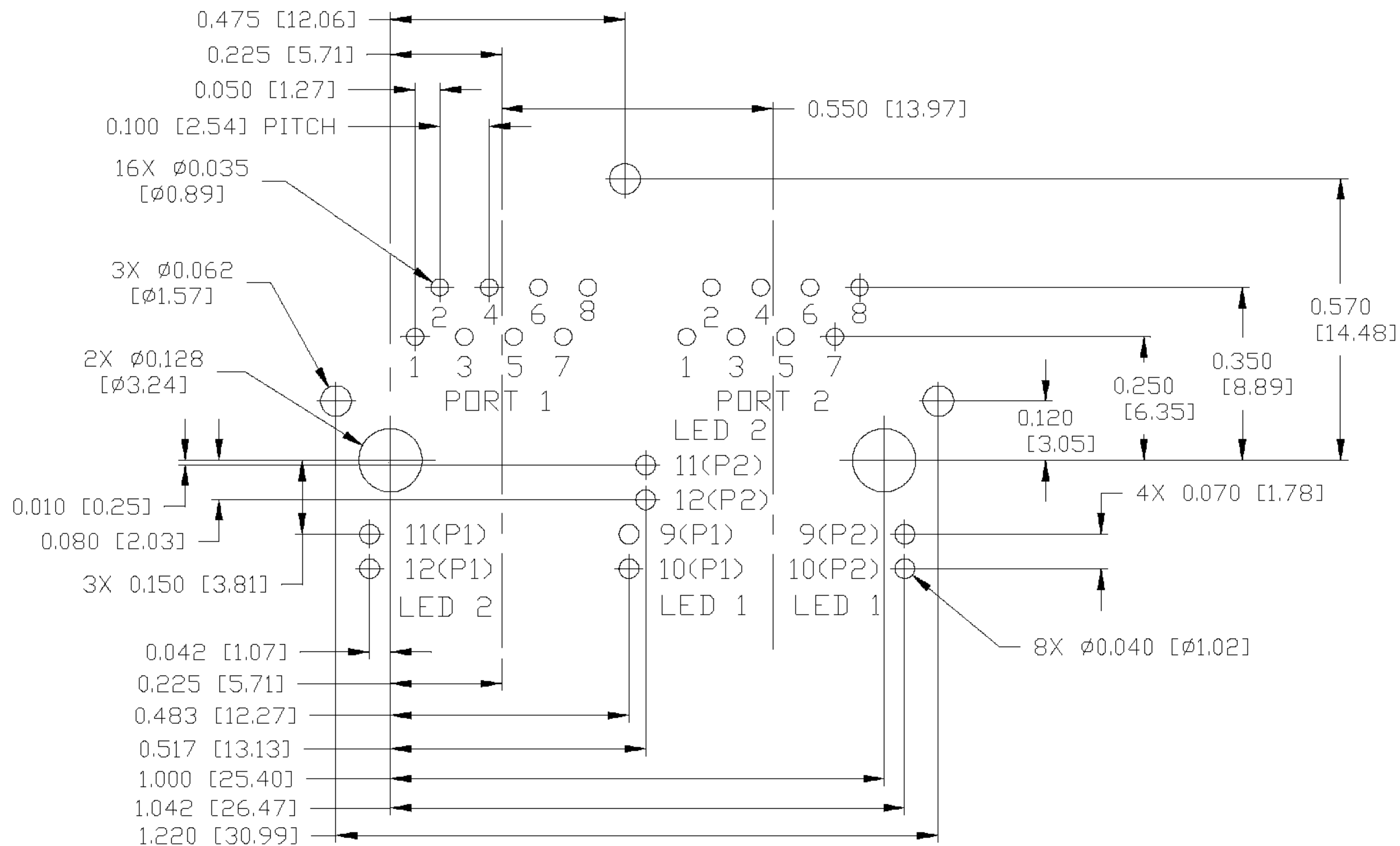
RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.

cRLUS UL RECOGNIZED - FILE #E196366 AND E169987.

ORIGINATED BY	DATE	TITLE 1X2 MagJack® (WITH LED)	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
LIU QIN	06-30-07		0875-1A2T-V5	TOL. IN INCH		UNIT : INCH [mm] REV. : PA		
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A SIZE : A4		
CHEN TING	06-30-07		0875-1A2T-V5_PA.DWG	.XX		PAGE : 3		
				.XXX	±0.010			

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PRELIMINARY



RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE	
LIU QIN	06-30-07	1X2 MagJack® (WITH LED)	0875-1A2T-V5	TOL. IN INCH	UNIT : INCH [mm]	REV. : PA
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4
CHEN TING	06-30-07		0875-1A2T-V5_PA.DWG	.XX		PAGE : 4
				.XXX		

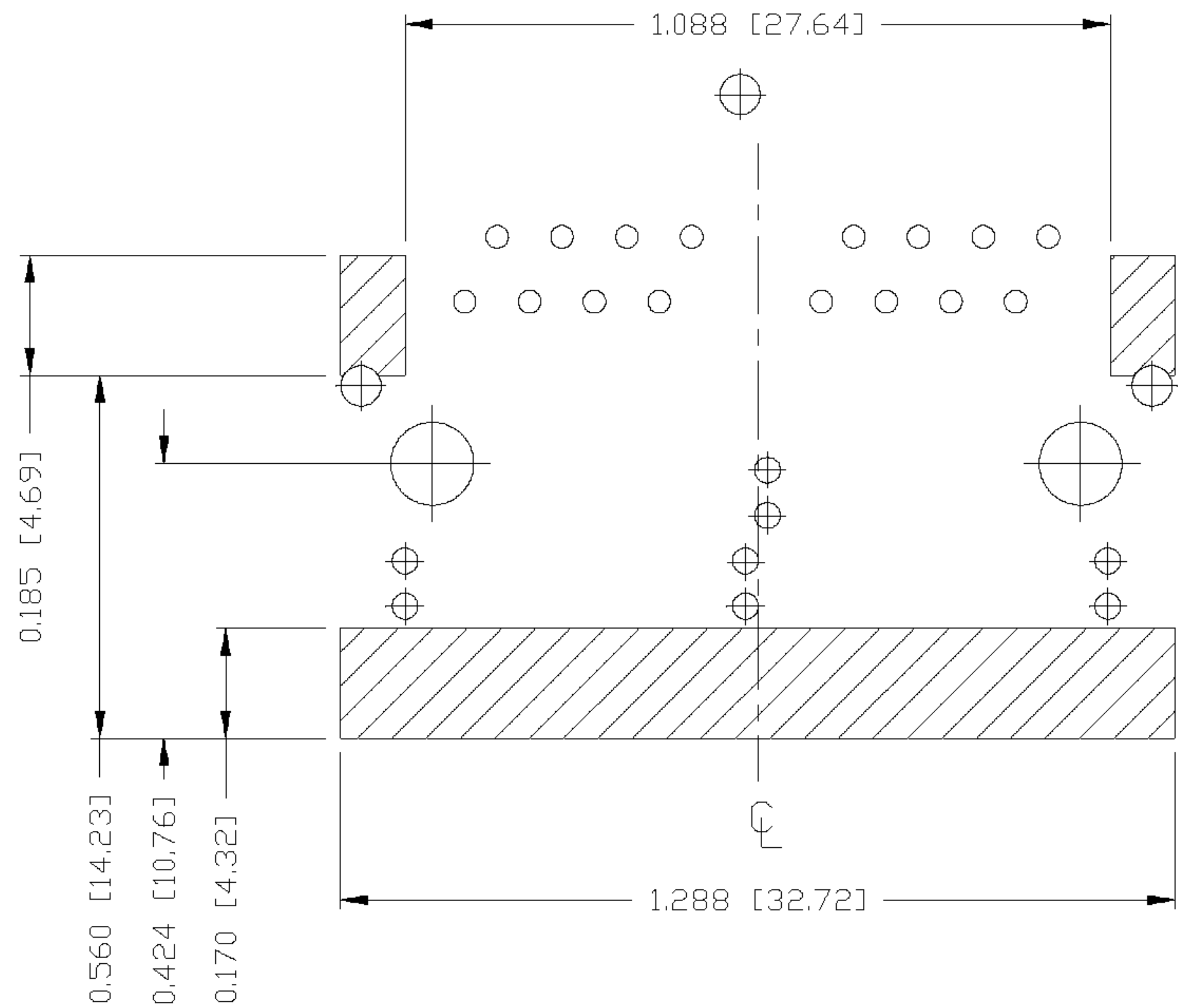
DC002(2)032305

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NOTES

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

ORIGINATED BY LIU QIN	DATE 06-30-07	TITLE 1X2 MagJack® (WITH LED)	PART NO. / DRAWING NO. 0875-1A2T-V5		STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE	
			FILE NAME 0875-1A2T-V5_PA.DWG		.X		UNIT : INCH [mm]	REV. : PA
DRAWN BY CHEN TING	DATE 06-30-07				.XX		SCALE : N/A	SIZE : A4
					.XXX	±0.004		PAGE : 5

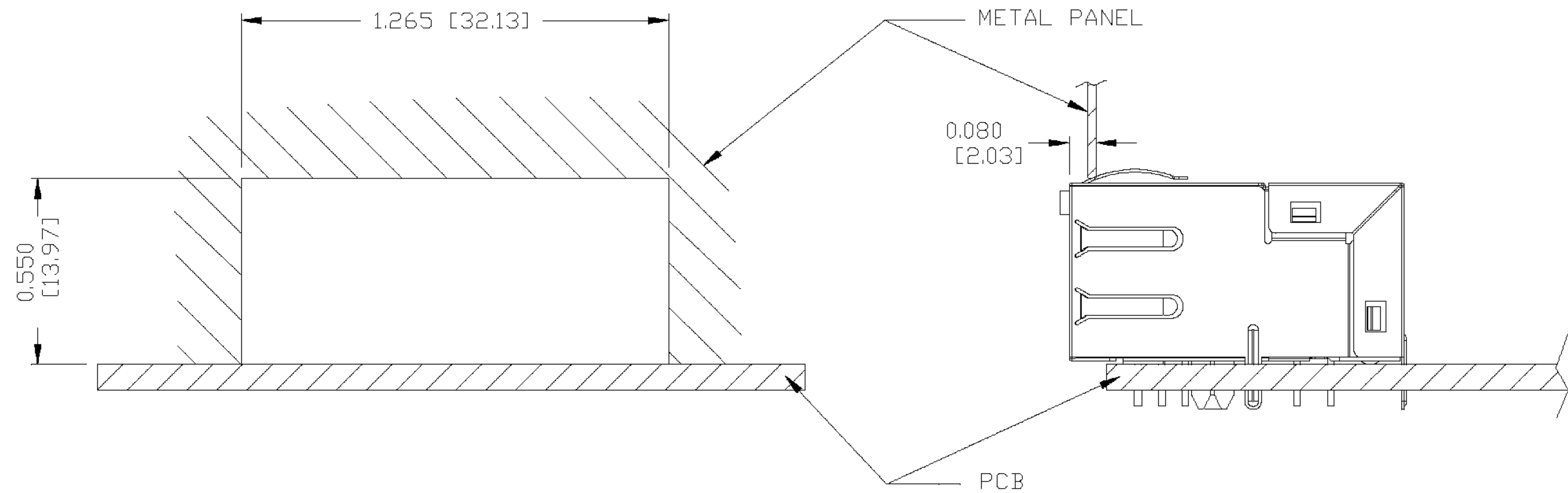


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SUGGESTED PANEL OPENING



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-G4 (TOP)
0200-9999-G5 (BOTTOM)

PACKING QUANTITY : 49 PCS FINISHED GOODS PER TRAY
8 TRAYS (392 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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				TOL. IN INCH		UNIT : INCH [mm]	REV. : PA	
LIU QIN	06-30-07	1X2 MagJack® (WITH LED)	0875-1A2T-V5	.X		SCALE : N/A	SIZE : A4	
DRAWN BY	DATE		FILE NAME	.XX			PAGE : 6	
CHEN TING	06-30-07		0875-1A2T-V5_PA.DWG	.XXX	±0.004			