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RoHS
2002/95/EC



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

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TP1	1CT : 1CT ±2%
TP2	1CT : 1CT ±2%
TP3	1CT : 1CT ±2%
TP4	1CT : 1CT ±2%

QCL @ 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

CM TO CM REJ

100kHz - 100MHz -30 dB MIN

CM TO DM REJ

100kHz - 100MHz -35 dB MIN

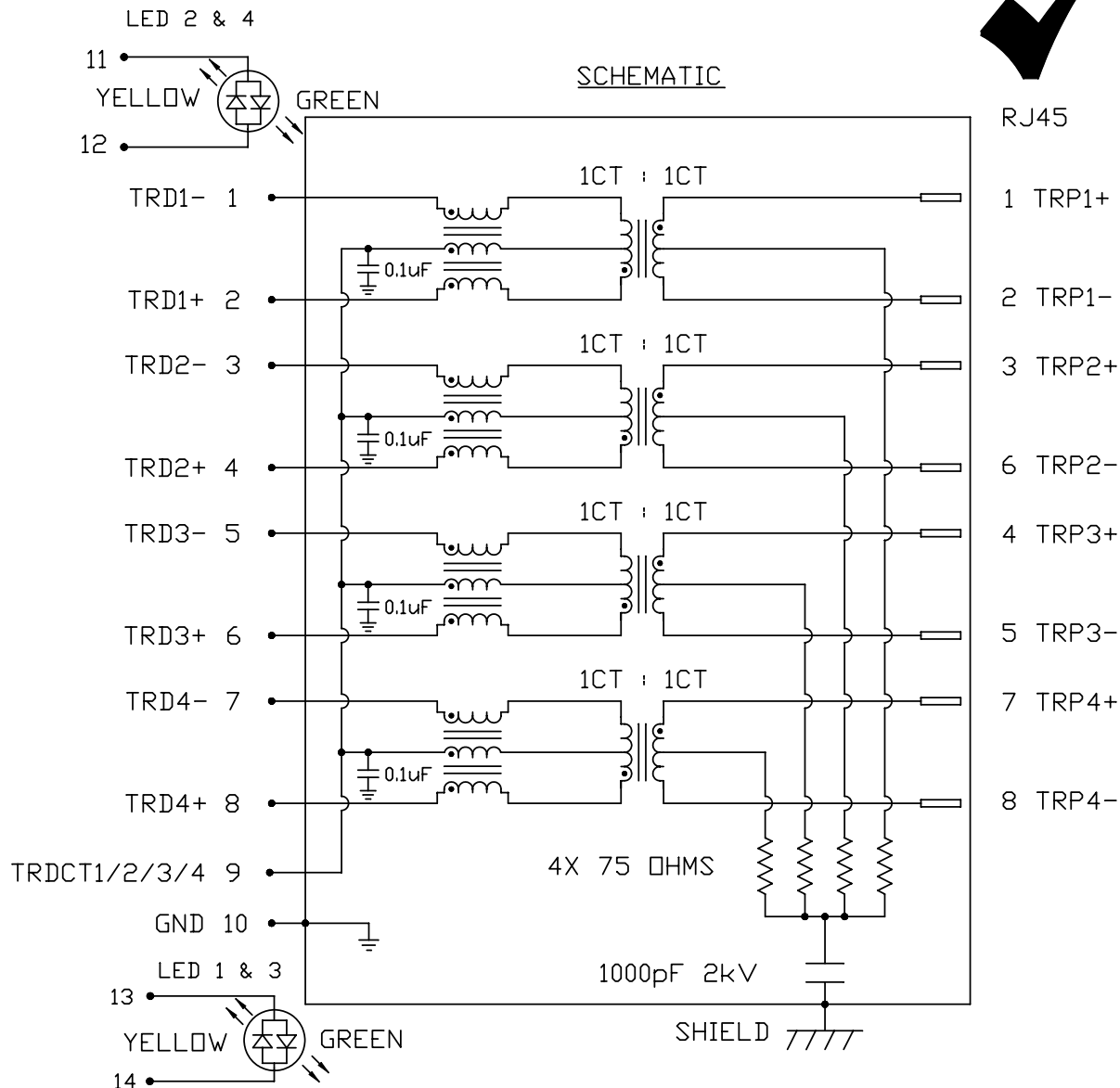
HIPOT (Isolation Voltage):

1500 Vrms

100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENT

LEDS 1, 2, 3 AND 4

VF (FORWARD VOLTAGE)	IF=20mA GREEN 2.2V TYP.
	IF=20mA YELLOW 2.1V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA GREEN 565nm TYP.
	IF=20mA YELLOW 590nm TYP.



ORIGINATED BY	DATE
CHOW WANGCHUNG	05-05-10
DRAWN BY	DATE
LEE WEIDE	05-05-10

TITLE	2X6 gigabit MagJack® WITH UPPER AND LOWER LED (8 Cores) PATENTED
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PART NO. / DRAWING NO.	0879-2C6R-54
FILE NAME	0879-2C6R-54_D.DWG

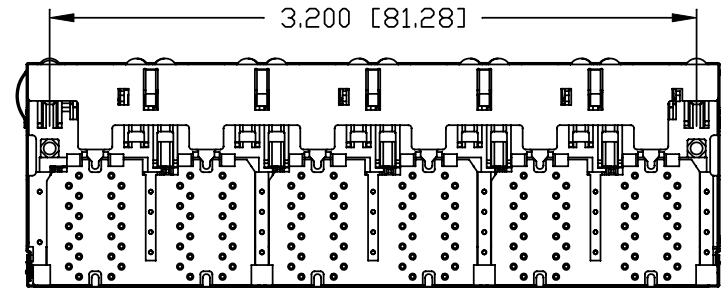
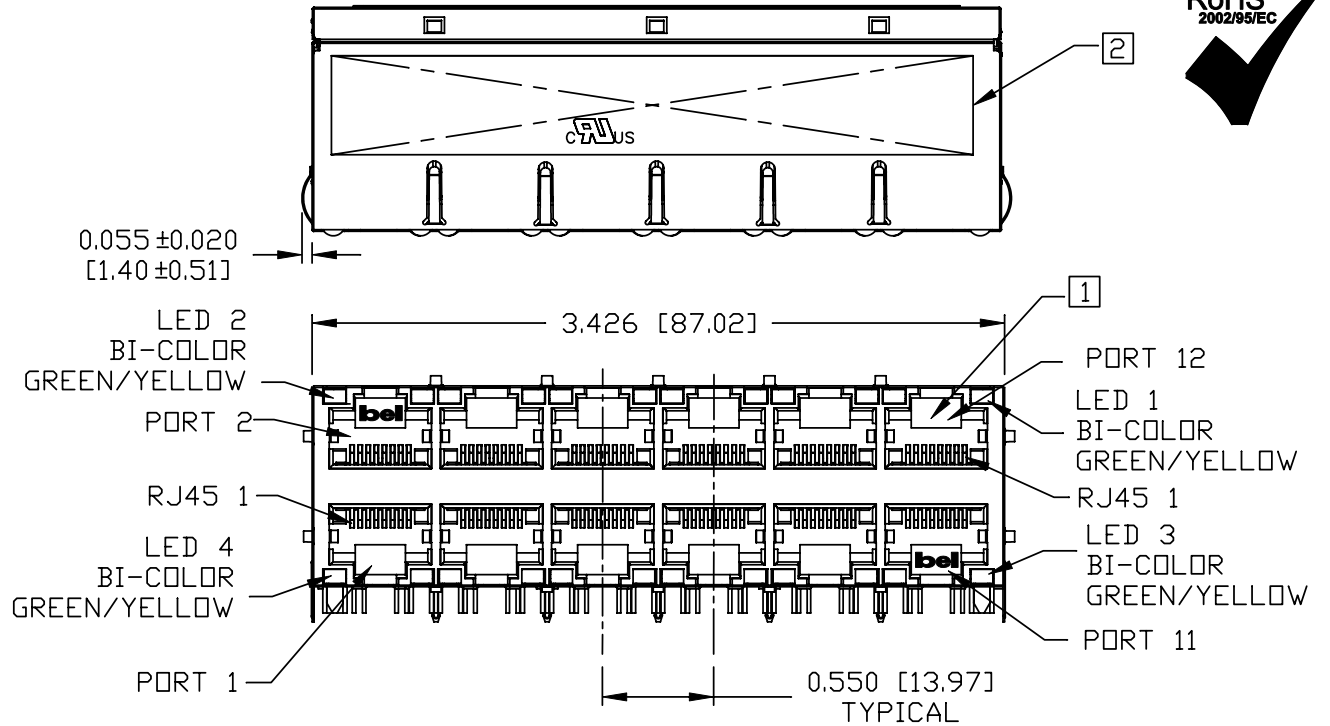
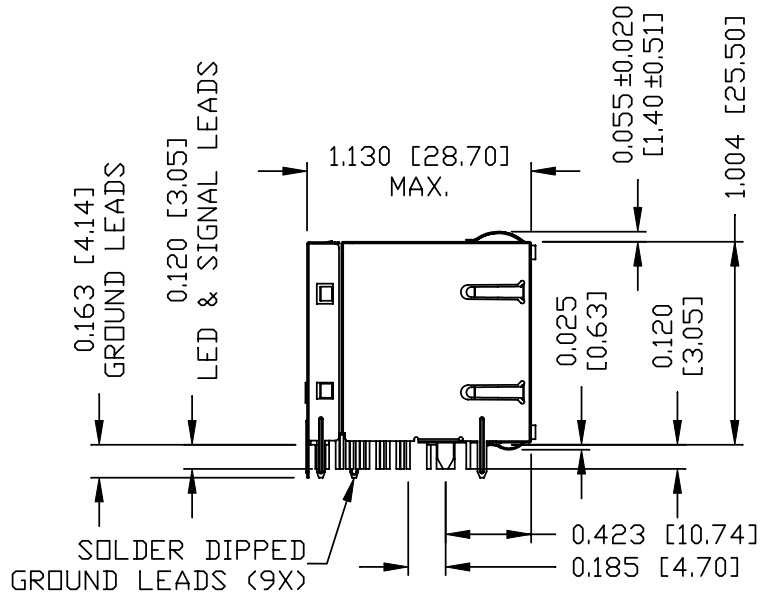
STANDARD DIM.	TOL. IN INCH
.X	
.XX	
.XXX	

[] METRIC DIM. AS REFERENCE	REV. : D
UNIT : INCH [mm]	SIZE : A4
SCALE : N/A	PAGE : 2



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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, DATE CODE AND PATENTED.
3. RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.

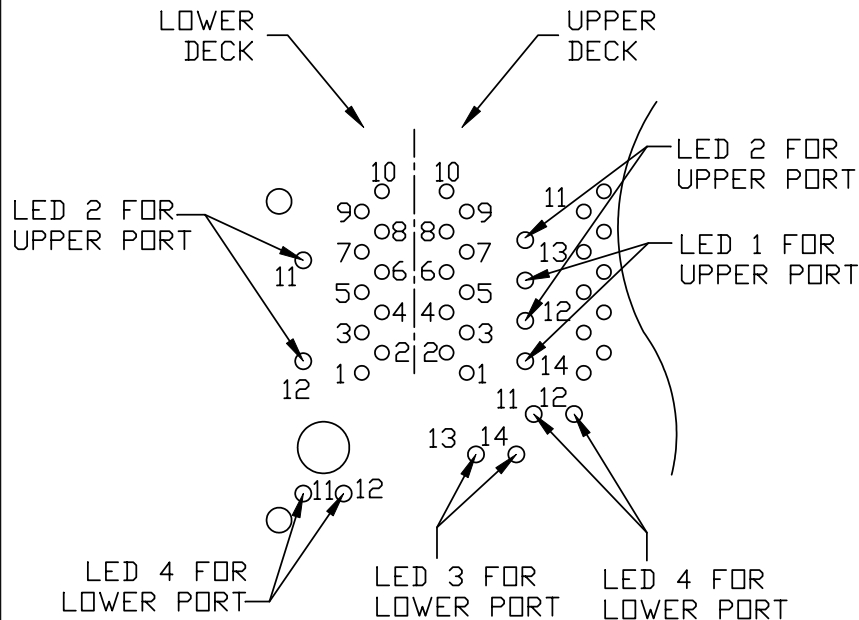
c UL RECOGNIZED - FILE #E196366 AND E169987.

4. THE PRODUCT IS PATENTED, THE PATENT NUMBER ARE U.S. PAT. 5,736,910 AND U.S. PAT. 6,840,817 AND U.S. PAT. 7,123,117.

ORIGINATED BY CHEN BILL	DATE 05-05-10	TITLE 2X6 gigabit MagJack® WITH UPPER AND LOWER LED (8 Cores) PATENTED	PART NO. / DRAWING NO. 0879-2C6R-54	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE		
					UNIT : INCH [mm]	REV. : D	
DRAWN BY XIAN JIAXIN	DATE 05-05-10		FILE NAME 0879-2C6R-54_D.DWG	.X	SCALE : N/A	SIZE : A4	
				.XX			
				.XXX ±0.010		PAGE : 3	

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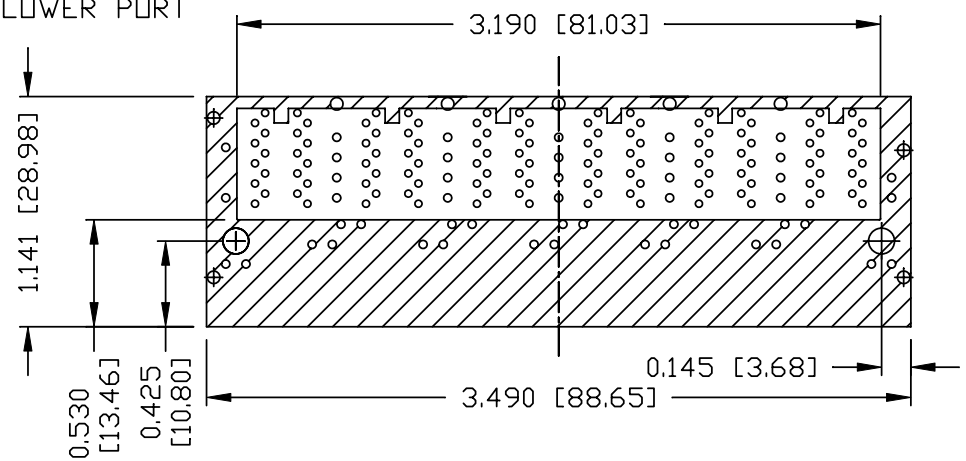
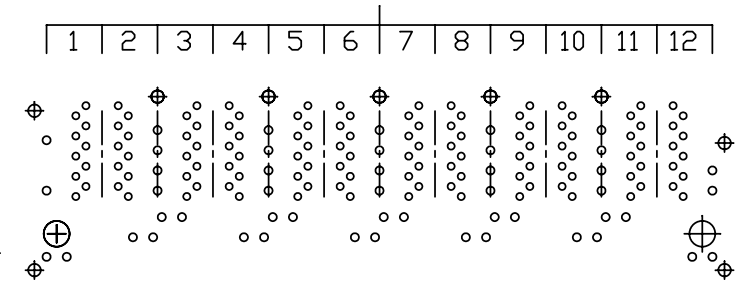
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PIN-OUT INFORMATION
(COMPONENT SIDE VIEW)

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	DATE
CHEN BILL	05-05-10
DRAWN BY	DATE
XIAN JIAXIN	05-05-10

TITLE
2X6 gigabit MagJack®
WITH UPPER AND LOWER LED
(8 Cores)
PATENTED

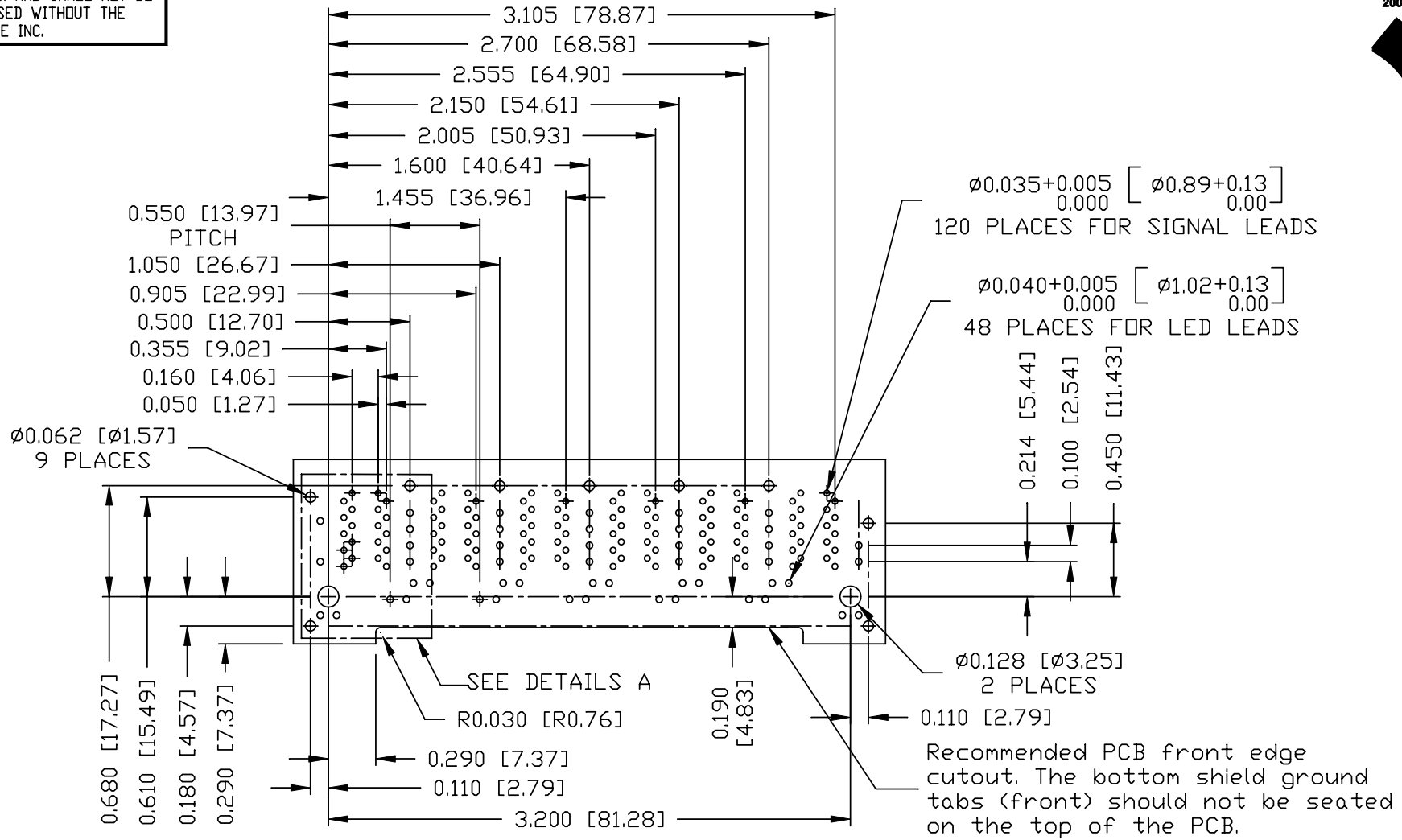
PART NO. / DRAWING NO.
0879-2C6R-54
FILE NAME
0879-2C6R-54_D.DWG

STANDARD DIM.	[] METRIC DIM. AS REFERENCE
TOL. IN INCH	UNIT : INCH [mm]
.X	REV. : D
.XX	SCALE : N/A
.XXX	±0.004

UNIT : INCH [mm]	REV. : D
SCALE : N/A	SIZE : A4
⊕ - - - ⊖	PAGE : 4



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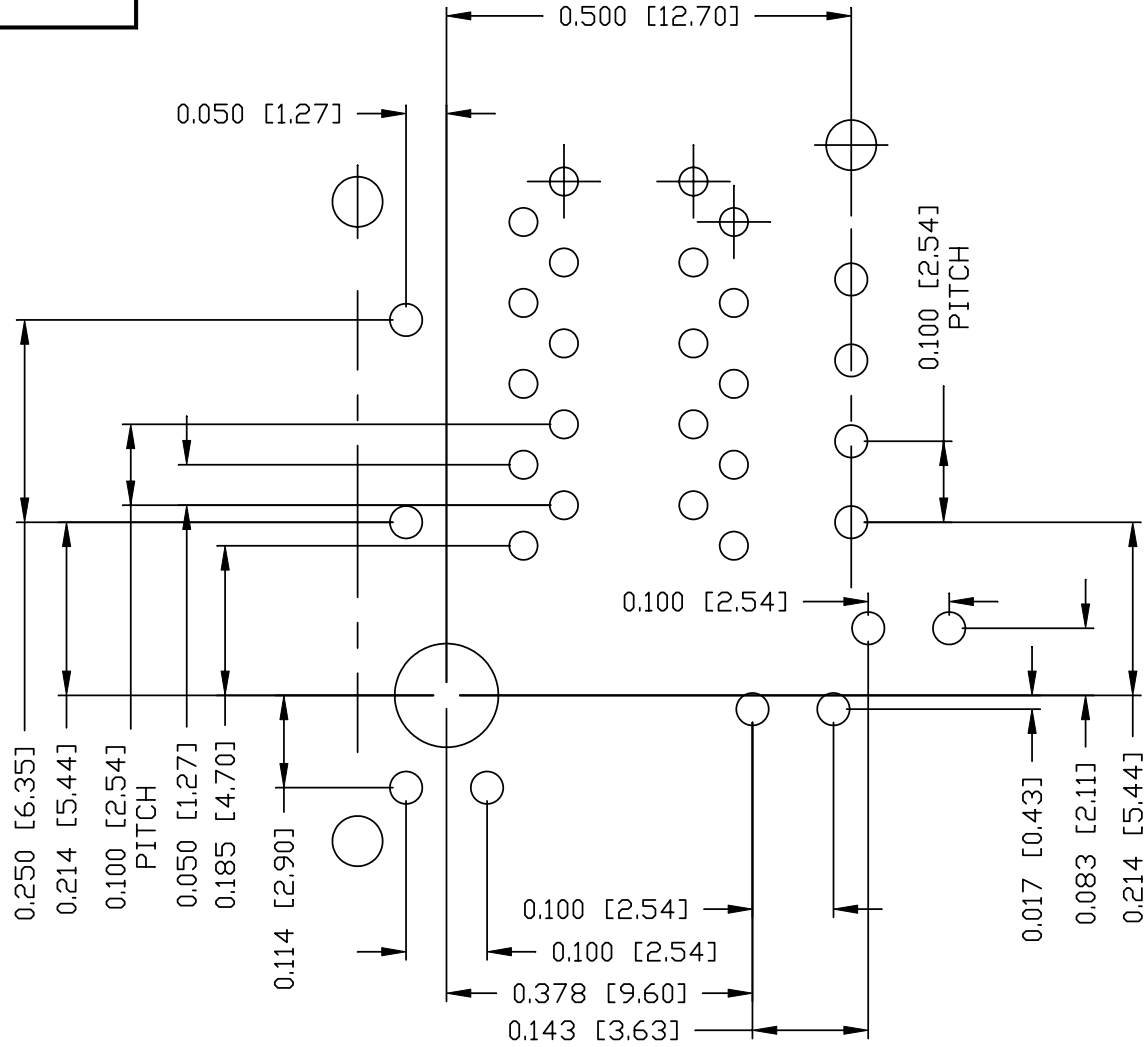


SUGGESTED FOOTPRINT
(COMPONENT SIDE VIEW)

ORIGINATED BY CHEN BILL	DATE 05-05-10	TITLE 2X6 gigabit MagJack® WITH UPPER AND LOWER LED (8 Cores) PATENTED	PART NO. / DRAWING NO. 0879-2C6R-54	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		bel COMPONENTS FOR A CONNECTED PLANET
	DRAWN BY XIAN JIAXIN			DATE 05-05-10	FILE NAME 0879-2C6R-54_D.DWG	.X .XX .XXX	±0.004	

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DETAILS A

ORIGINATED BY	DATE	TITLE 2X6 gigabit MagJack® WIHT UPPER AND LOWER LED (8 Cores)	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
CHEN BILL	05-05-10		0879-2C6R-54	.X	UNIT : INCH [mm]	REV. : D
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A	SIZE : A4
XIAN JIAXIN	05-05-10		0879-2C6R-54_D.DWG	.XXX	±0.004	PAGE : 6

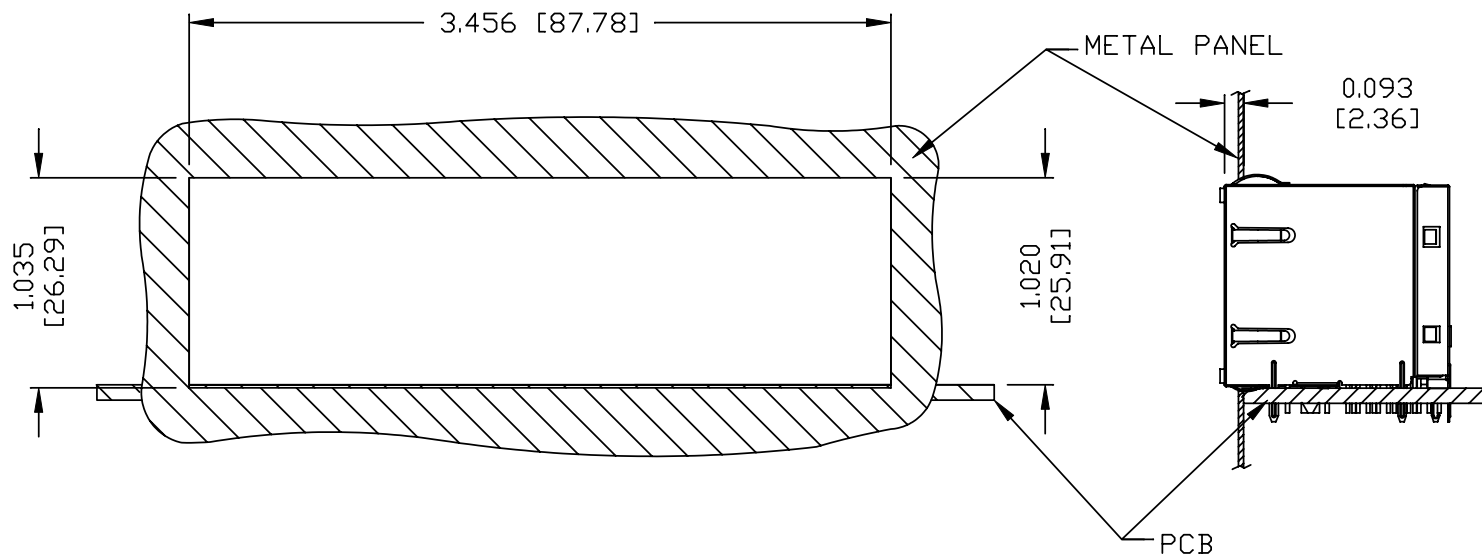


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SUGGESTED PANEL OPENING



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-P3 (TOP)
0200-9999-P4 (BOTTOM)

PACKING QUANTITY : 14 PCS FINISHED GOODS PER TRAY
7 TRAYS (98 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 XIAN JIAXIN			DATE 05-05-10	FILE NAME 0879-2C6R-54_D.DWG	.X .XX .XXX	±0.004	

AMEYA360

Components Supply Platform

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