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RoHS
2002/95/EC



LED 2 & 4 POLARITY			LED 1 & 3 POLARITY		
PIN 7	PIN 8	COLOR	PIN 9	PIN 10	COLOR
+	-	GREEN	+	-	GREEN

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TP1 1CT : 1CT ±2%
TP2 1CT : 1CT ±2%

□CL @ 100kHz/100mVRMS

8mA DC BIAS (0°C - 70°C) 350μH MIN.

INS. LOSS

0.1MHz TO 1MHz -1.1 dB MAX
1MHz TO 65MHz -0.5 dB MAX
65MHz TO 100MHz -1.0 dB MAX

RET. LOSS (MIN) @ 100□HMS ±15%

0.5MHz-40MHz -18 dB
40MHz-80MHz -12+20LOG(f/80MHz) dB

CM TO CM REJ

100kHz - 100MHz -30 dB MIN

CM TO DM REJ

100kHz - 100MHz -35 dB MIN

CROSS TALK (TX - RX)

100kHz - 100MHz -35 dB MIN

HIPOT (Isolation Voltage):

1500 Vrms

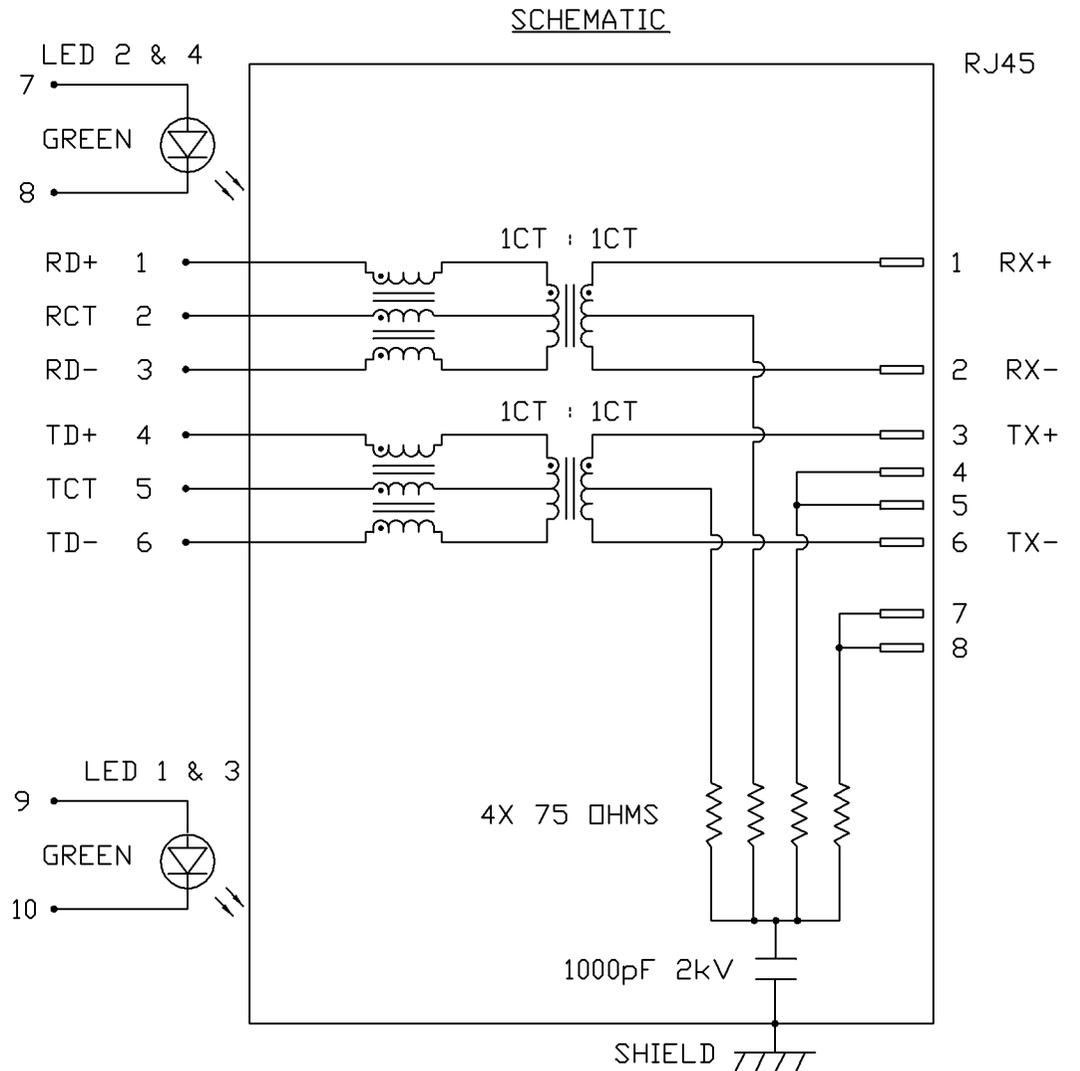
100% OF PRODUCTION TESTED

TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS

LEDS 1, 2, 3 AND 4

V_F (FORWARD VOLTAGE) IF=20mA GREEN 2.2V TYP.

λ_D (DOMINANT WAVELENGTH) IF=20mA GREEN 565nm TYP.



ORIGINATED BY	DATE
CHOW WANCHUNG	12-01-08
DRAWN BY	DATE
LEE WEIDE	12-01-08

TITLE
2X6 MagJack® WITH UPPER AND LOWER LED (4 Cores)

PART NO. / DRAWING NO.
0879-2G6R-Y9
FILE NAME
0879-2G6R-Y9_B.DWG

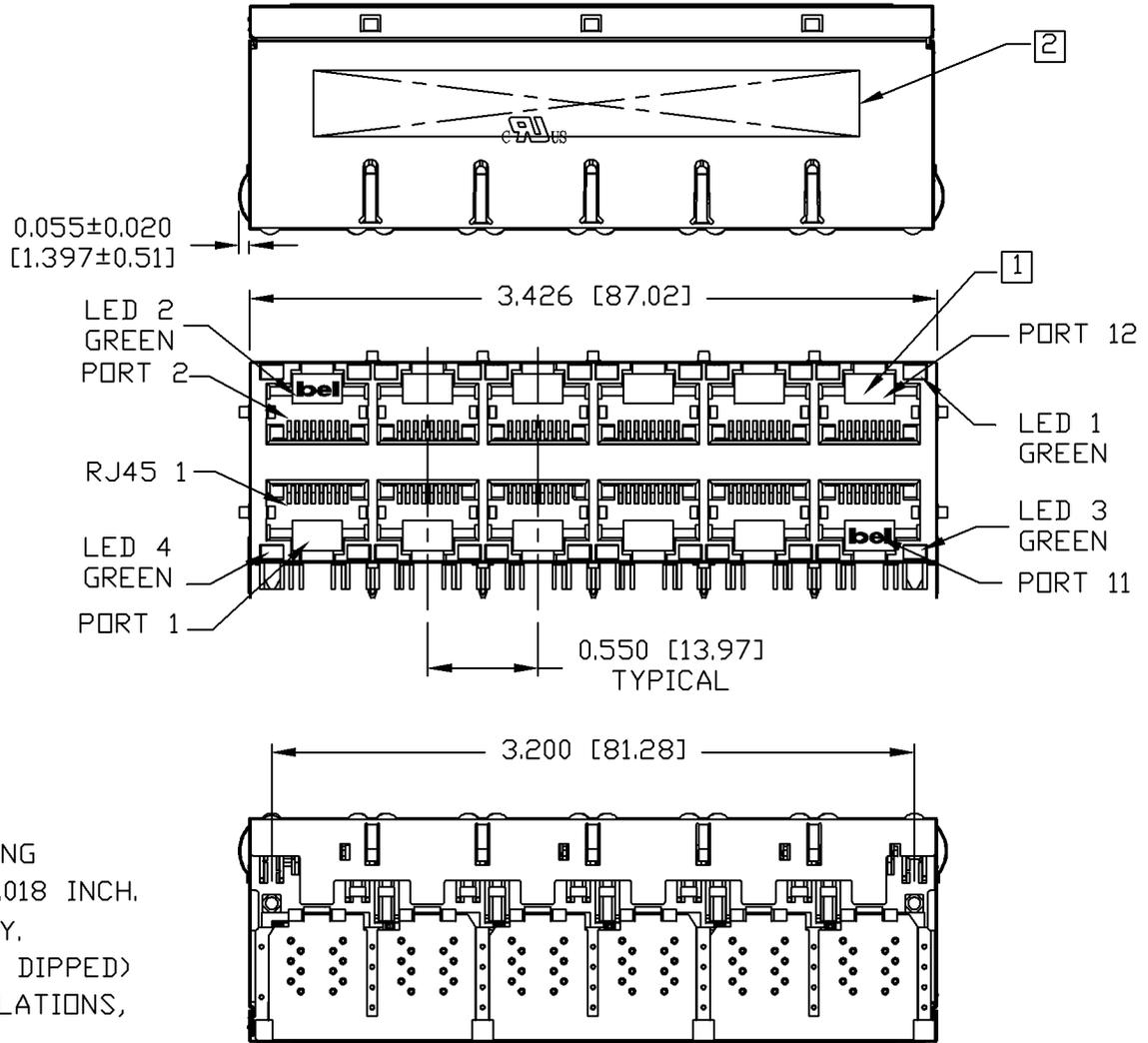
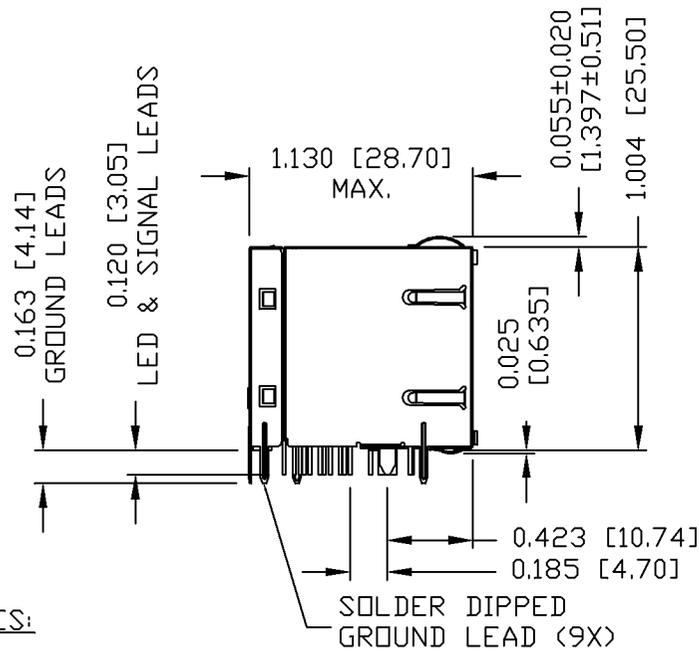
STANDARD DIM.	TOL. IN INCH
.X	
.XX	
.XXX	

[] METRIC DIM. AS REFERENCE	
UNIT : INCH [mm]	REV. : B
SCALE : N/A	SIZE : A4
	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, AND DATE CODE.

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

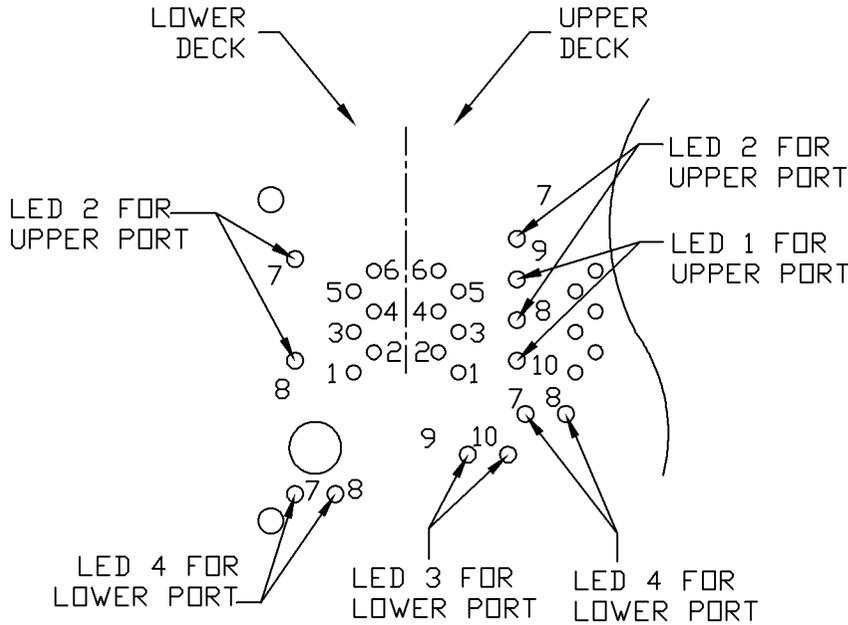
c USUL RECOGNIZED - FILE #E196366 AND E169987.

ORIGINATED BY ANTON LIAO	DATE 12-01-08	TITLE 2X6 MagJack® WITH UPPER AND LOWER LED (4 Cores)	PART NO. / DRAWING NO. 0879-2G6R-Y9	STANDARD DIM. TOL. IN INCH .X .XX .XXX ±0.010	[] METRIC DIM. AS REFERENCE	
DRAWN BY HOWFAR WEI	DATE 12-01-08		FILE NAME 0879-2G6R-Y9_B.DWG		UNIT : INCH [mm]	REV. : B
					SCALE : N/A	SIZE : A4
						PAGE : 3



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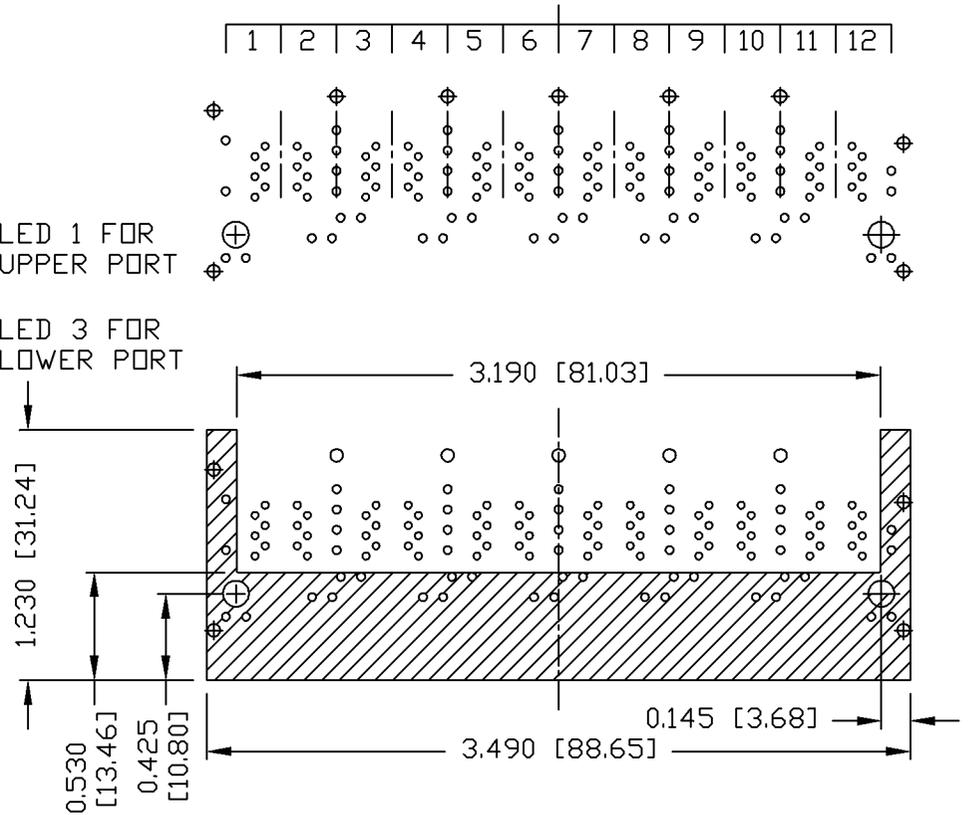
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PIN-OUT INFORMATION
(COMPONENT SIDE VIEW)

6	TD-
5	TCT
4	TD+
3	RD-
2	RCT
1	RD+

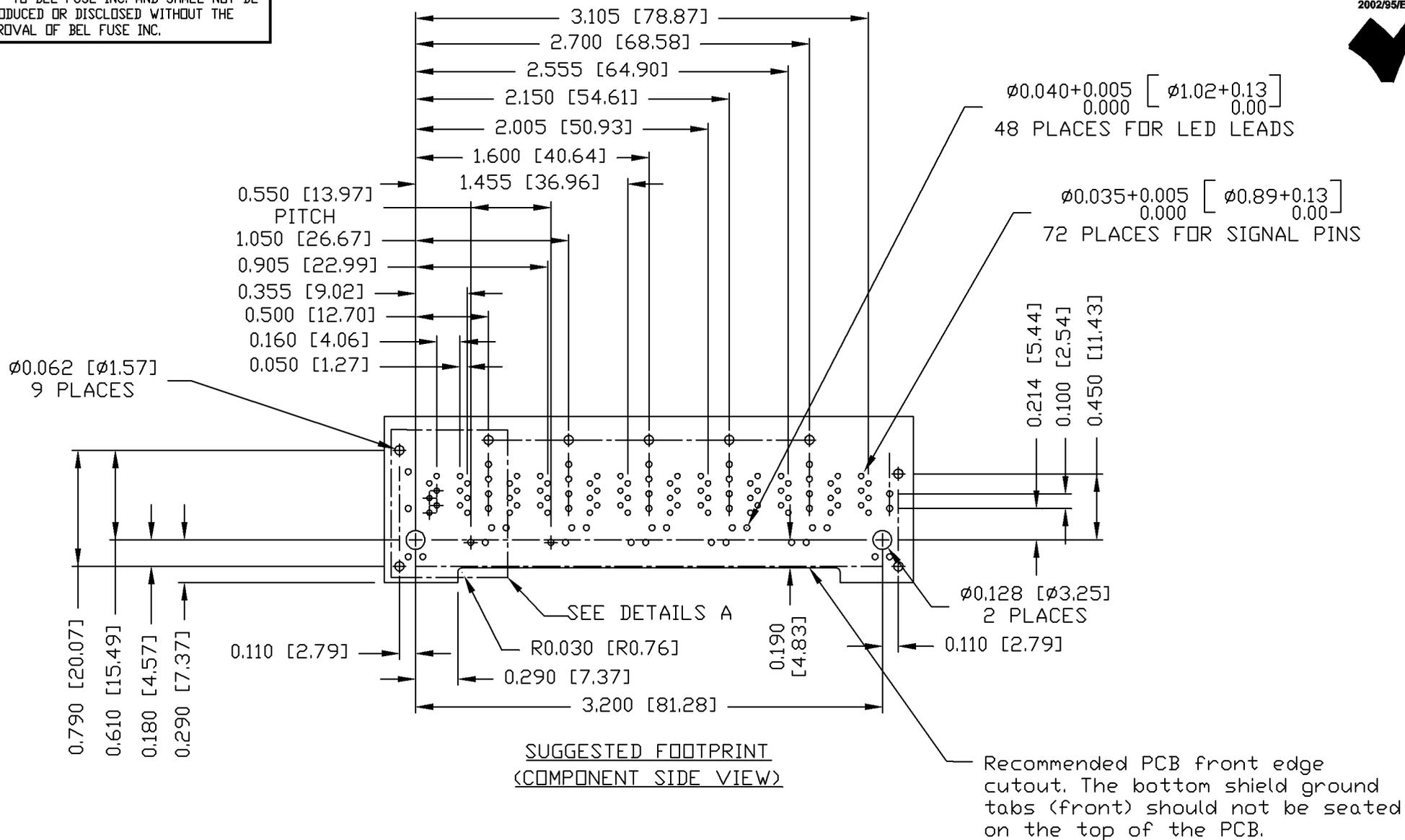
PORT ASSIGNMENT
(COMPONENT SIDE VIEW)



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

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	<p>COMPONENTS FOR A CONNECTED PLANET</p>	
ANTON LIAO	12-01-08	2X6 MagJack® WITH UPPER AND LOWER LED (4 Cores)	0879-2G6R-Y9	.X	UNIT : INCH [mm]		REV. : B
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A		SIZE : A4
HOWFAR WEI	12-01-08		0879-2G6R-Y9_B.DWG	.XXX	±0.004		PAGE : 4

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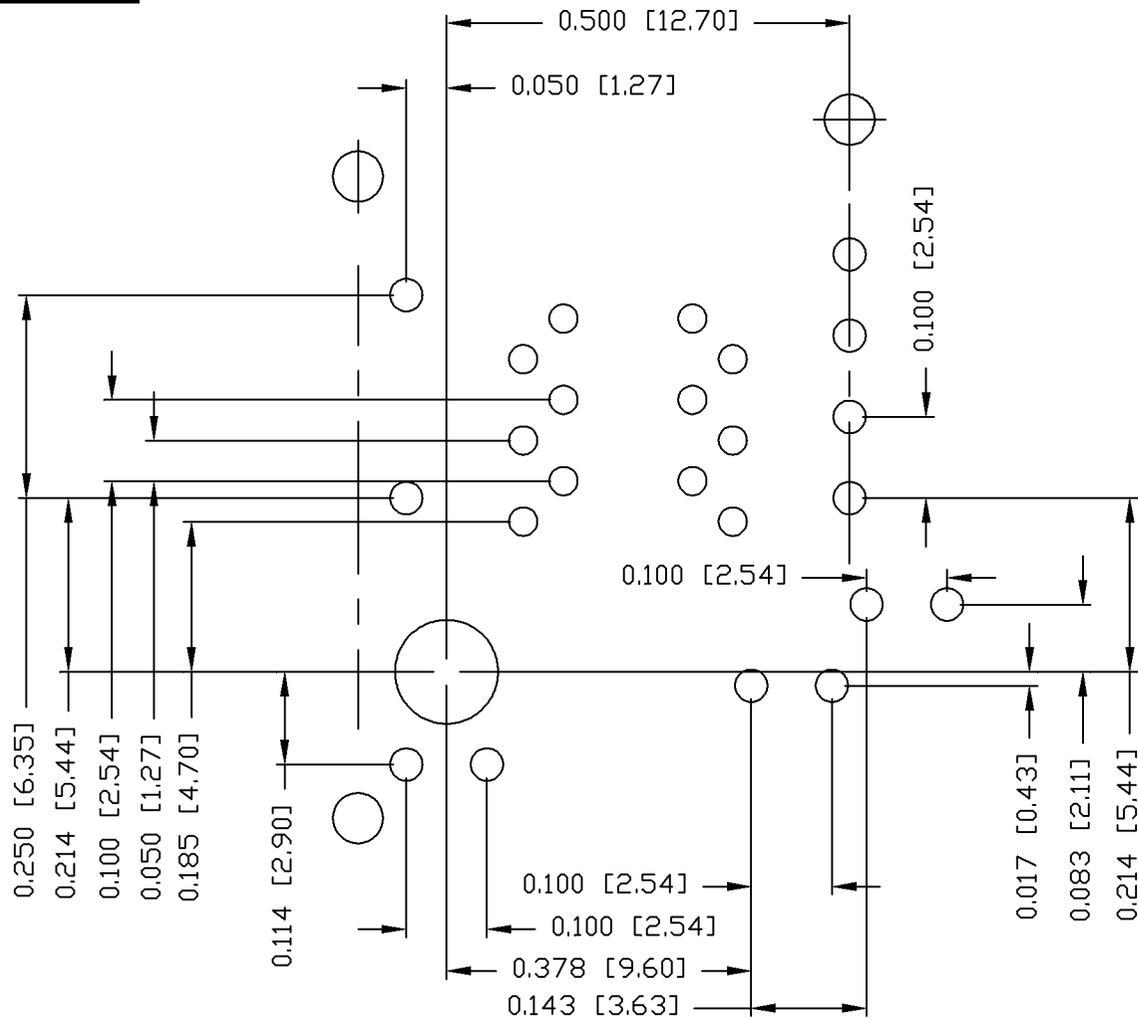


ORIGINATED BY ANTON LIAO	DATE 12-01-08	TITLE 2X6 MagJack® WITH UPPER AND LOWER LED (4 Cores)	PART NO. / DRAWING NO. 0879-2G6R-Y9	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
	DRAWN BY HOWFAR WEI		DATE 12-01-08	FILE NAME 0879-2G6R-Y9_B.DWG	.X .XX .XXX ±0.004	UNIT : INCH [mm] SCALE : N/A



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DETAIL A

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
ANTON LIAO	12-01-08	2X6 MagJack® WIHT UPPER AND LOWER LED (4 Cores)	0879-2G6R-Y9	.X	UNIT : INCH [mm] REV. : B
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A SIZE : A4
HOWFAR WEI	12-01-08		0879-2G6R-Y9_B.DWG	.XXX ±0.004	PAGE : 6

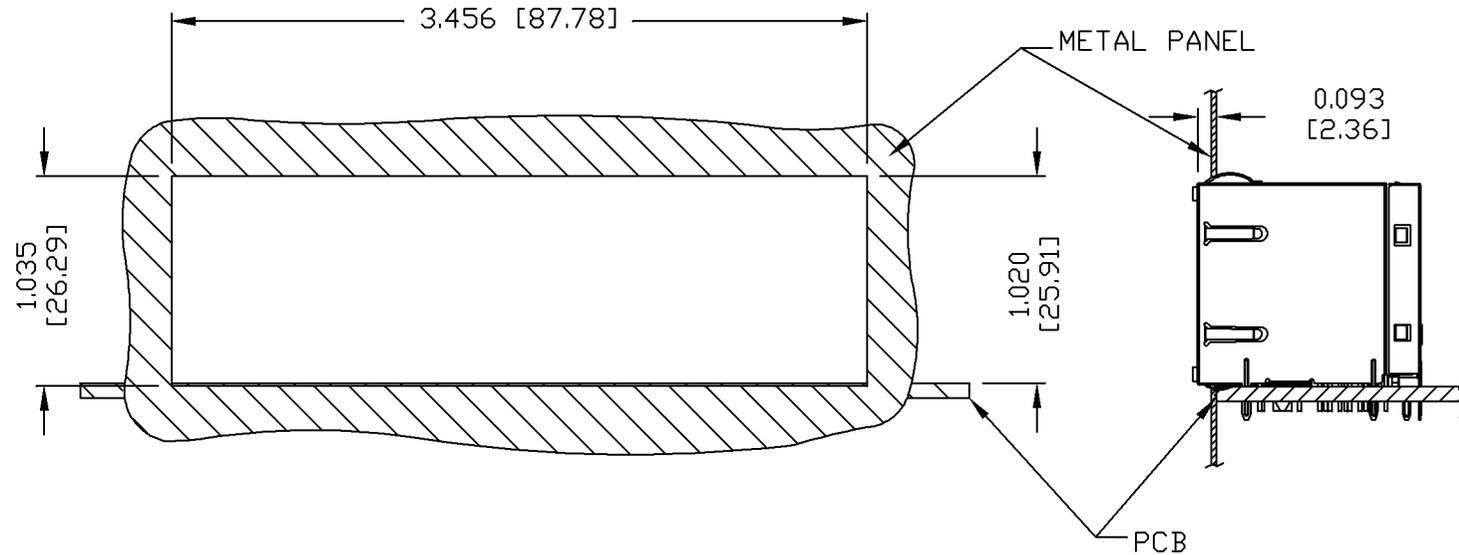


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SUGGESTED PANEL OPENING



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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ANTON LIAO	12-01-08	2X6 MagJack® WITH UPPER AND LOWER LED (4 Cores)	0879-2G6R-Y9	.X	UNIT : INCH [mm] REV. : B
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A SIZE : A4
HOWFAR WEI	12-01-08		0879-2G6R-Y9_B.DWG	.XXX ±0.004	⊕ - - - PAGE : 7

