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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

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

ΩCL @ 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

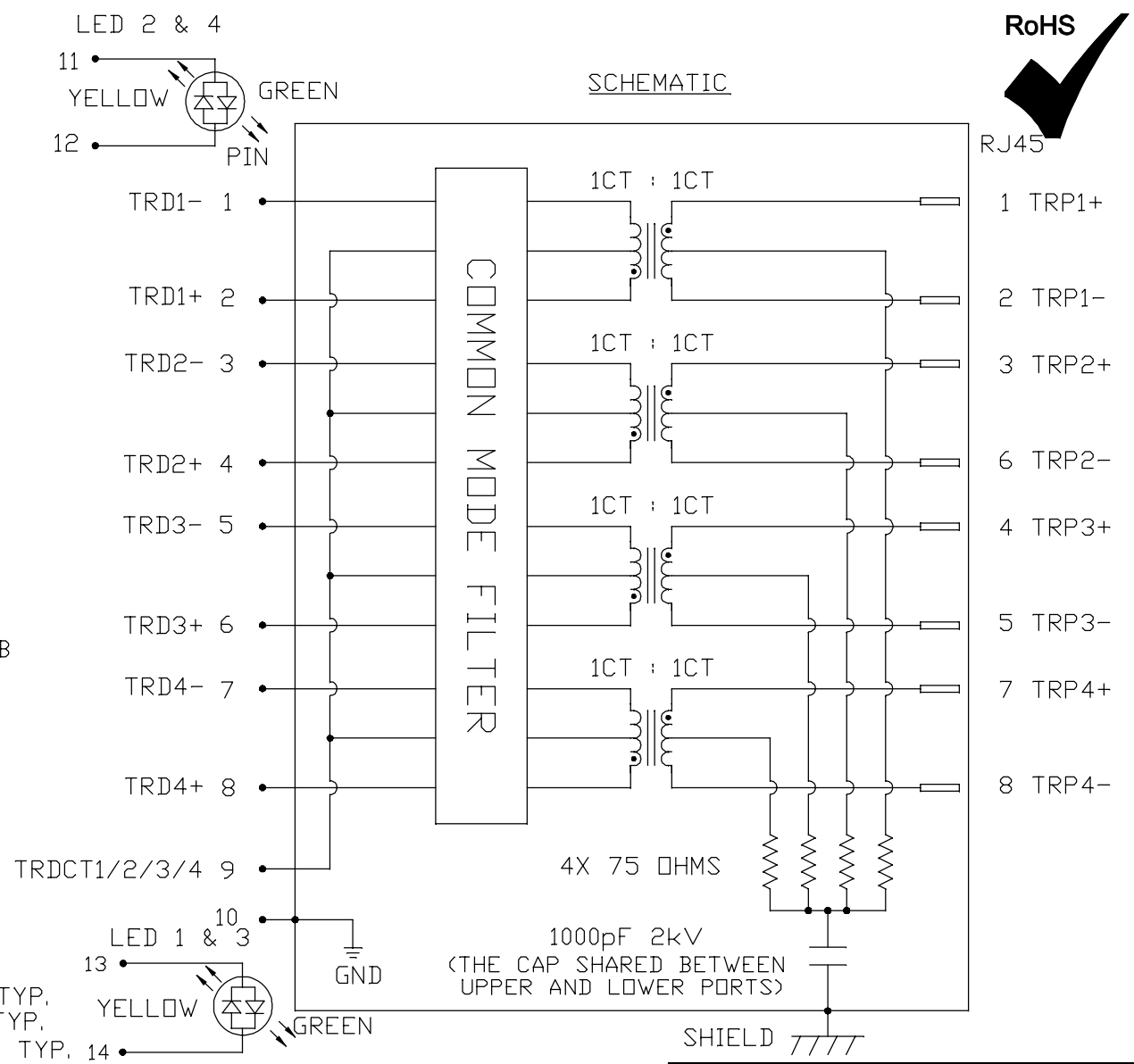
CM TO DM REJ
 100kHz - 100MHz -35 dB MIN

CROSS TALK
 100kHz - 100MHz -30 dB MIN

HIPOT (Isolation Voltage): 1500 Vrms
 100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS.

OPERATING TEMPERATURE: -40 TO +85°C

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 570nm TYP.,
 IF=20mA YELLOW 590nm TYP.



ORIGINATED BY
 CHOW WANCHUNG
DATE 2016-04-19

DRAWN BY
 MURPHY LEE
DATE 2016-04-19

TITLE
 2X1 gigabit MagJack®
 WITH UPPER AND LOWER LED
 (Extended Temperature)
 PATENTED

PART NO. / DRAWING NO.
 0879-2C1R-Y4

FILE NAME
 0879-2C1R-Y4_B.DWG

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

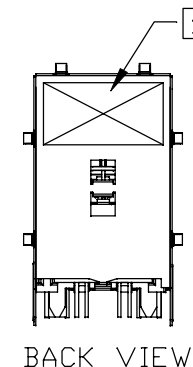
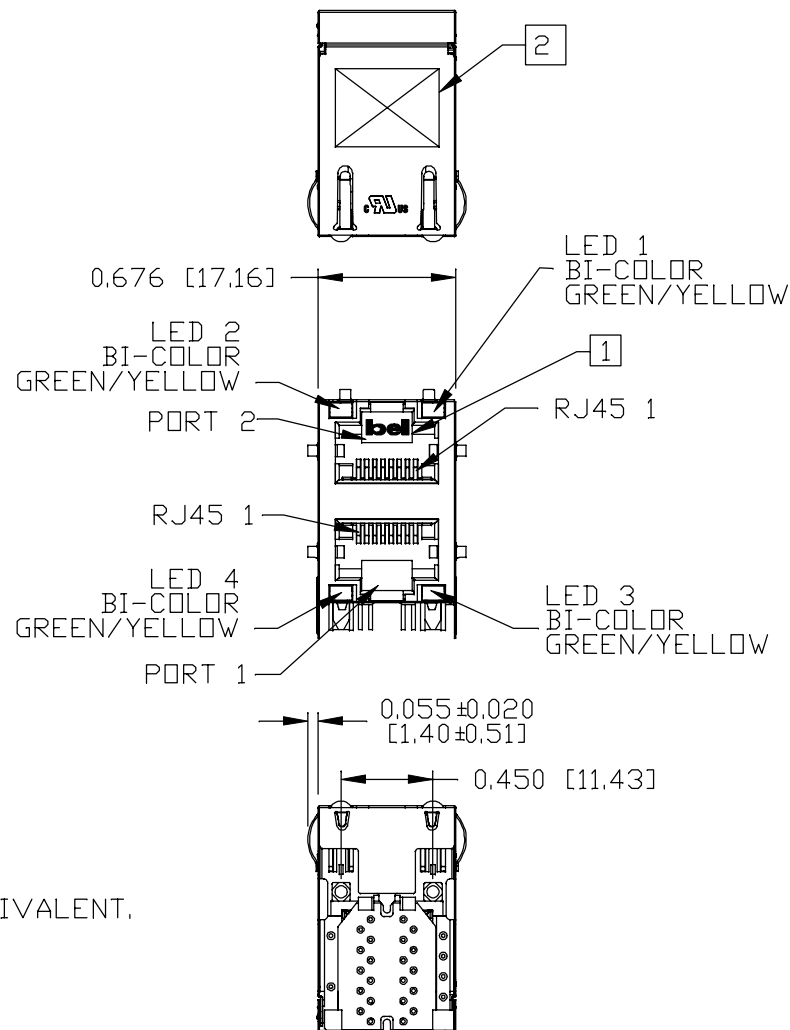
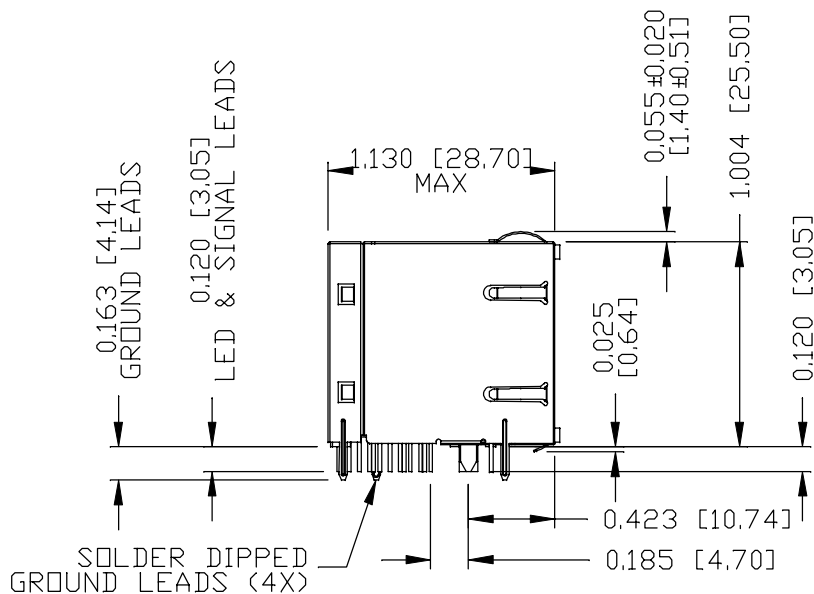
[] METRIC DIM. AS REF.
 UNIT : INCH [mm]
 SCALE : N/A
 SIZE : A4

REV. : B **PAGE :** 2



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NOTES:

- PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0
- CONTACT PLATING: 50 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT.
- 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. MARKING "PATENTED".
4. THE PRODUCT IS RoHS COMPLIANT.

UL UL RECOGNIZED - FILE #E196366 AND E169987.
5. THE PRODUCT IS PATENTED, THE PATENT NUMBER ARE U.S. PAT. 6,840,817 AND U.S. PAT. 7,123,117.

ORIGINATED BY LI QUANKUN
DATE 2016-04-19
DRAWN BY ZHANG XUEZHENG
DATE 2016-04-19

TITLE 2X1 gigabit MagJack® WITH UPPER AND LOWER LED (Extended Temperature) PATENTED

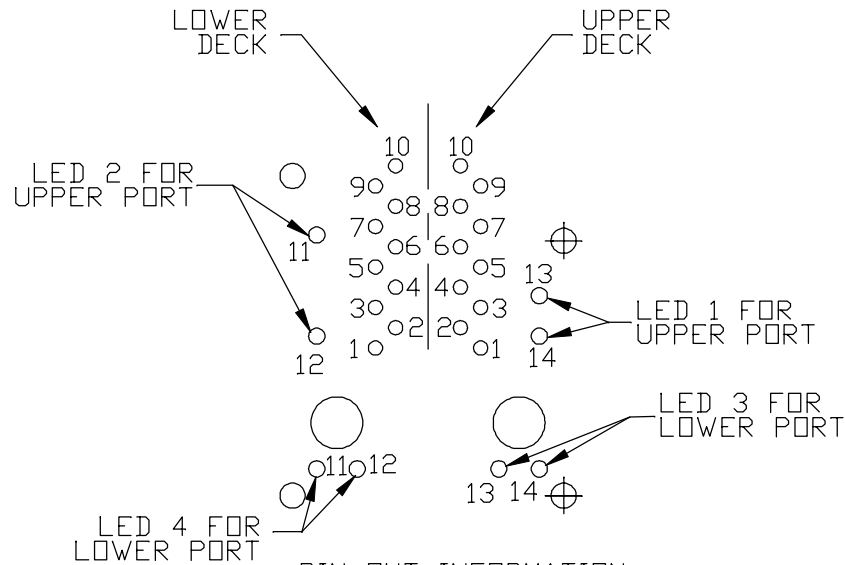
PART NO. / DRAWING NO. 0879-2C1R-Y4
FILE NAME 0879-2C1R-Y4_B.DWG

STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REF.
.X	UNIT : INCH [mm]
.XX	SCALE : N/A
.XXX ±0.010	SIZE : A4

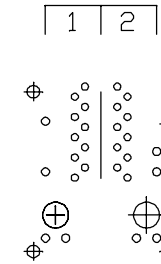
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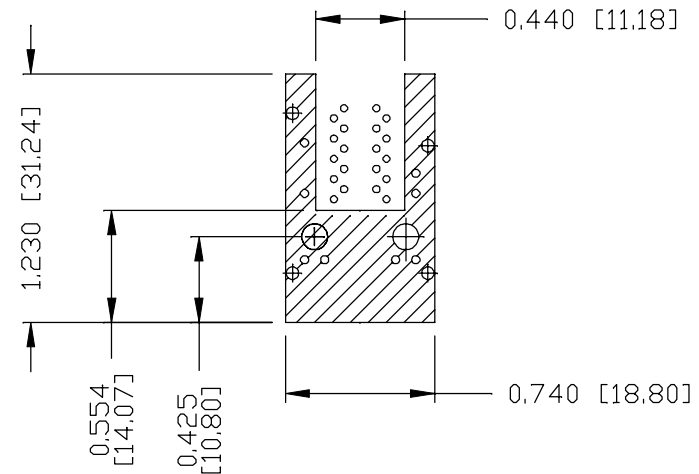


PORT ASSIGNMENT
(COMPONENT SIDE VIEW)



PIN-OUT INFORMATION
(COMPONENT SIDE VIEW)

14	YEL (+)/GRN (-)
13	YEL (-)/GRN (+)
12	YEL (+)/GRN (-)
11	YEL (-)/GRN (+)
10	GND
9	TRCT1/2/3/4
8	TRD 4+
7	TRD 4-
6	TRD 3+
5	TRD 3-
4	TRD 2+
3	TRD 2-
2	TRD 1+
1	TRD 1-



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

REV. : B PAGE : 4

ORIGINATED BY
LI QUANKUN
DATE 2016-04-19
DRAWN BY
ZHANG XUEZHENG
DATE 2016-04-19

TITLE
2X1 gigabit MagJack®
WITH UPPER AND LOWER LED
(Extended Temperature)
PATENTED

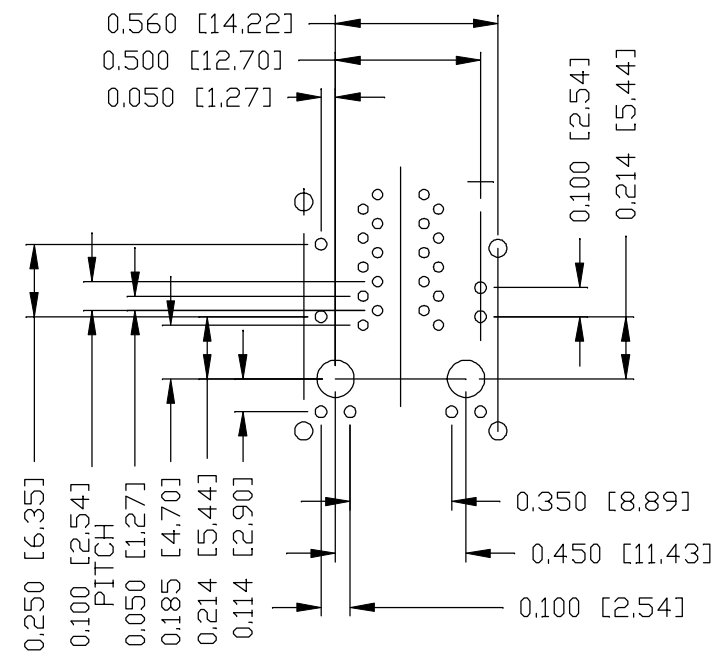
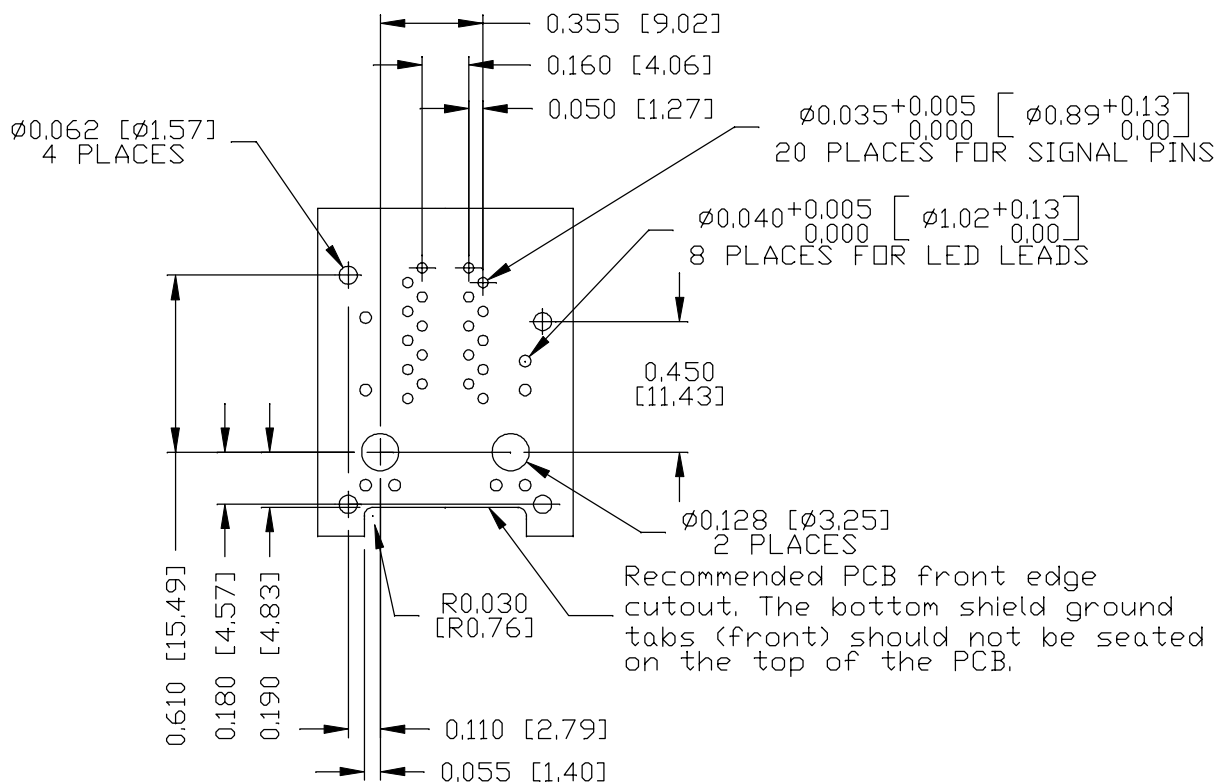
PART NO. / DRAWING NO.
0879-2C1R-Y4
FILE NAME
0879-2C1R-Y4_B.DWG

STANDARD DIM.
TOL. IN INCH
.X
.XX
.XXX
±0.004
[] METRIC DIM.
AS REF.
UNIT : INCH [mm]
SCALE : N/A
SIZE : A4



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SUGGESTED FOOTPRINT
(COMPONENT SIDE VIEW)

ORIGINATED BY
LI QUANKUN
DATE 2016-04-19

DRAWN BY
ZHANG XUEZHENG
DATE 2016-04-19

TITLE
2X1 glgabit MagJack®
WITH UPPER AND LOWER LED
(Extended Temperature)
PATENTED

PART NO. / DRAWING NO.
0879-2C1R-Y4

FILE NAME
0879-2C1R-Y4_B.DWG

STANDARD DIM.
TOL. IN INCH

.X	
.XX	
.XXX	±0.004

[] METRIC DIM.
AS REF.

UNIT : INCH [mm]
SCALE : N/A
SIZE : A4

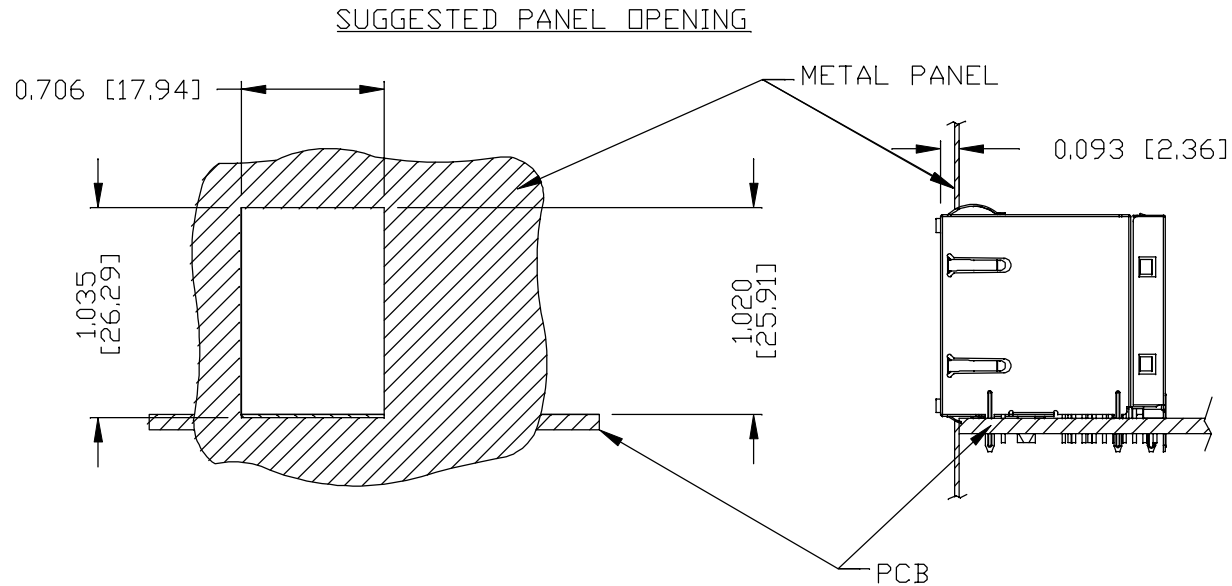
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NOTE:

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)

REV. : B PAGE : 6

ORIGINATED BY LI QUANKUN DATE 2016-04-19 DRAWN BY ZHANG XUEZHENG DATE 2016-04-19	TITLE 2X1 gigabit MagJack® WITH UPPER AND LOWER LED (Extended Temperature) PATENTED	PART NO. / DRAWING NO. 0879-2C1R-Y4	STANDARD DIM. TOL. IN INCH .X .XX .XXX	<input type="checkbox"/> METRIC DIM. AS REF. UNIT : INCH [mm] SCALE : N/A SIZE : A4
		FILE NAME 0879-2C1R-Y4_B.DWG	±0.004	

