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RoHS
2002/95/EC



RJ45

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

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

8mA DC BIAS	350µH MIN.
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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
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CM TO DM REJ

100kHz - 100MHz	-35 dB MIN
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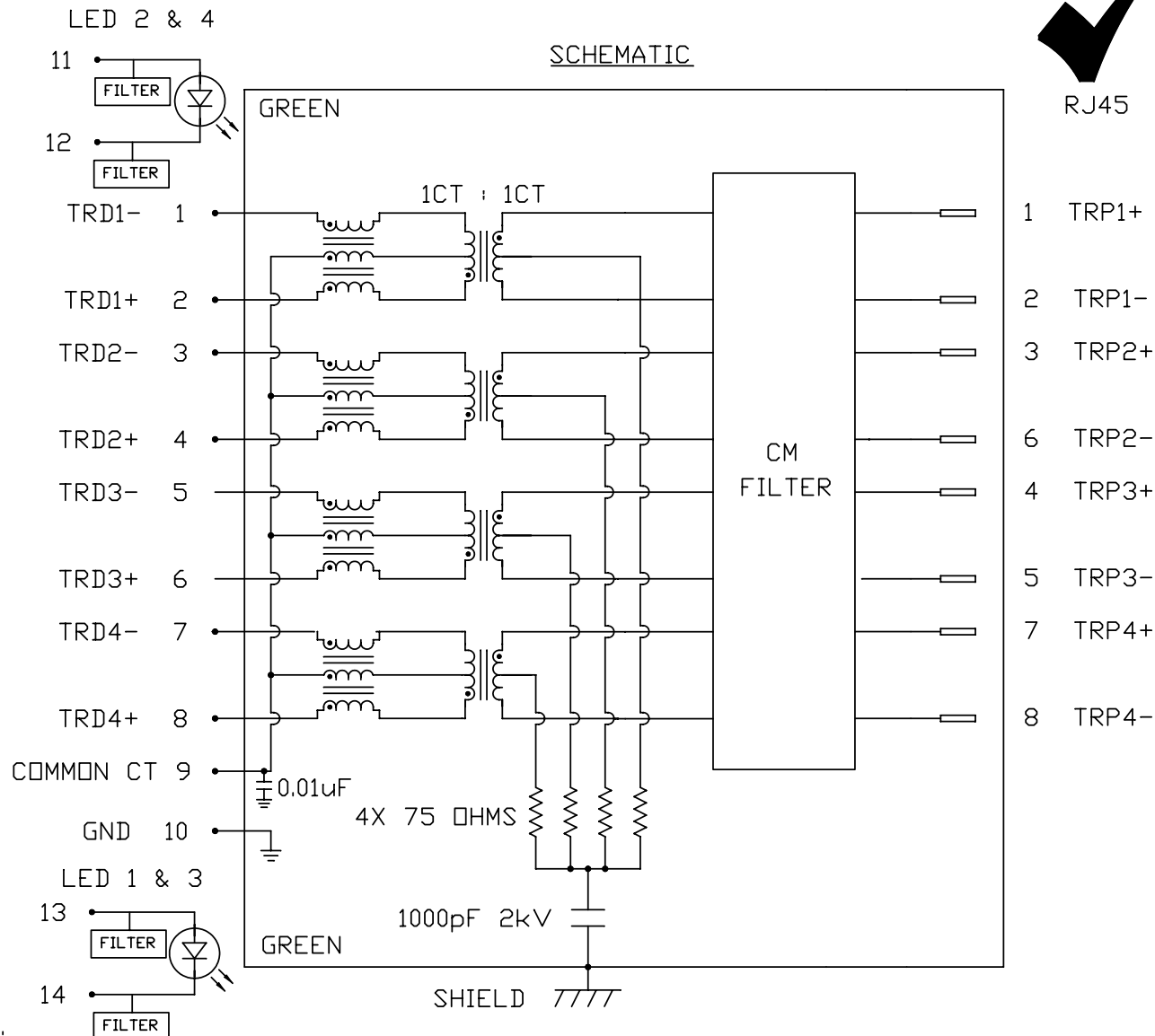
HIPOT (Isolation Voltage): 1500 Vrms

100% OF PRODUCTION TESTED TO COMPLY WITH
IEEE 802.3 ISOLATION REQUIREMENTS.

LED 1,LED 2,LED 3 & LED 4

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

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



ORIGINATED BY	DATE
CHOW WANGCHUNG	04-22-09
DRAWN BY	DATE
LEE WEIDE	04-22-09

TITLE
2X3 gigabit MagJack®
COMPRESSOR SERIES
(9 Cores)
PATENTED

PART NO. / DRAWING NO.

C850-2G3R-FF

FILE NAME

C850-2G3R-FF_A.DWG

STANDARD DIM.

TOL. IN INCH

.X

.XX

.XXX

[] METRIC DIM. AS REFERENCE

UNIT : INCH [mm]

SCALE : N/A

REV. : A

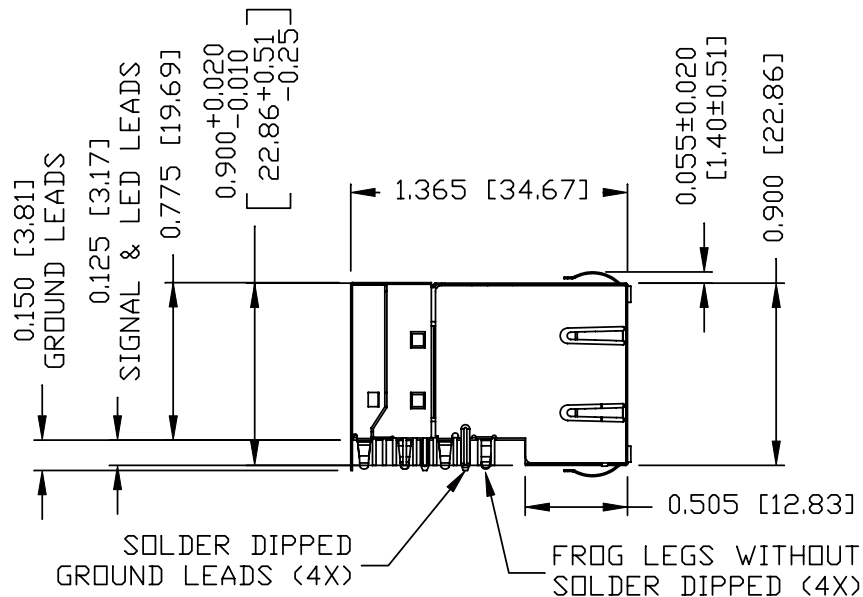
SIZE : A4

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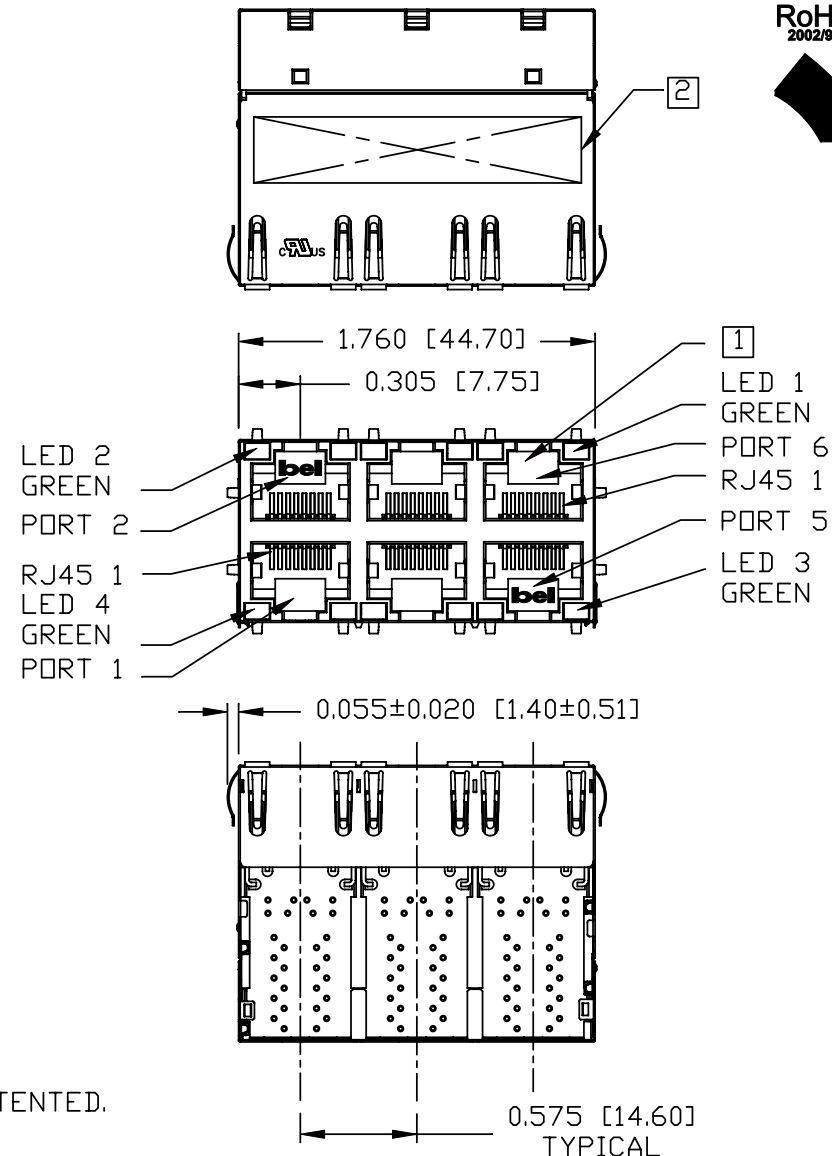
NOTES:

PLASTIC HOUSING: THERMOPLASTIC PBT
 FLAMMABILITY RATING UL 94V-0
 CONTACT PLATING: 30 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)
 FROG LEGS ARE FOR PCB RETENTION
 FORCE ONLY AND NOT FOR GROUNDING PURPOSE

- [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.

c UL RECOGNIZED - FILE #E196366 AND E169987.
 RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.

THE PRODUCT IS PATENTED, THE PATENTED NUMBER IS U.S. PAT. 5,736,910.

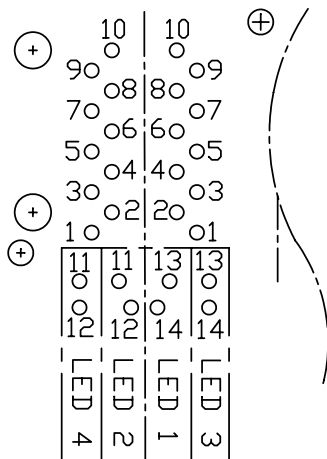


ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
LIU QIN	04-22-09	2X3 gigabit MagJack® COMPRESSOR SERIES (9 Cores) PATENTED	C850-2G3R-FF FILE NAME C850-2G3R-FF_A.DWG	.X	UNIT : INCH [mm]	REV. : A
DRAWN BY	DATE			.XX	SCALE : N/A	SIZE : A4
XIAN JIAXIN	04-22-09			.XXX ±0.010		PAGE : 3



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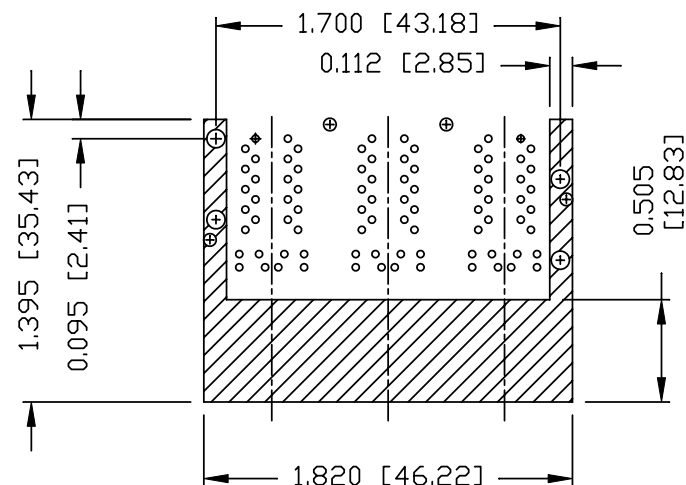
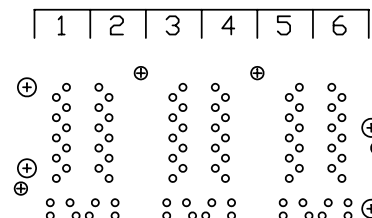


LED FOR LOWER DECK LED FOR UPPER DECK

PIN-OUT INFORMATION
(COMPONENT SIDE VIEW)

14	GREEN (-)
13	GREEN (+)
12	GREEN (-)
11	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-

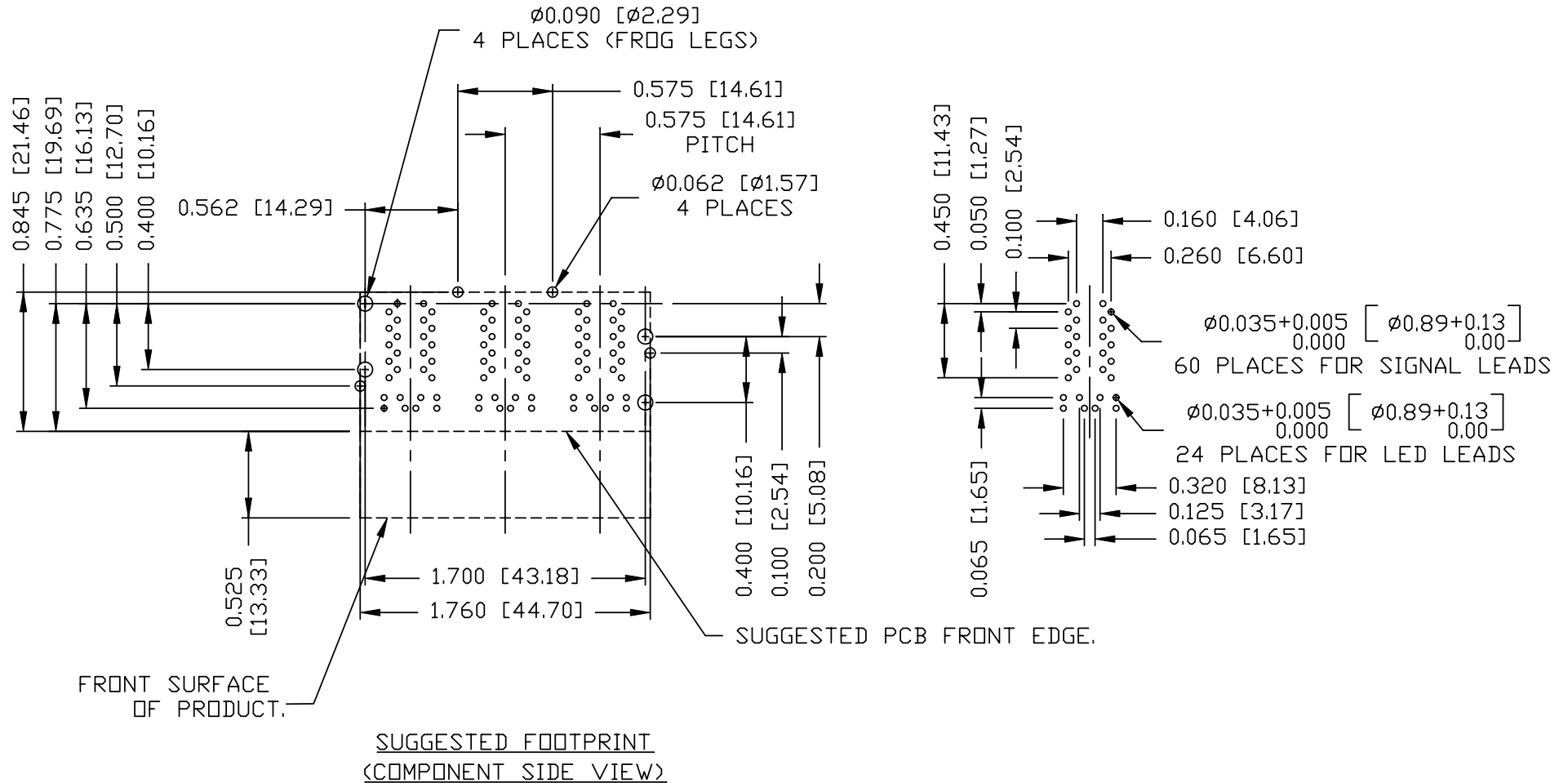
PORT ASSIGNMENT
(COMPONENT SIDE VIEW)



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

ORIGINATED BY LIU QIN	DATE 04-22-09	TITLE 2X3 gigabit MagJack® COMPRESSOR SERIES (9 Cores) PATENTED	PART NO. / DRAWING NO. C850-2G3R-FF	STANDARD DIM. TOL. IN INCH .X .XX .XXX ±0.004	[] METRIC DIM. AS REFERENCE	
					UNIT : INCH [mm]	REV. : A
DRAWN BY XIAN JIAXIN	DATE 04-22-09		FILE NAME C850-2G3R-FF_A.DWG		SCALE : N/A	SIZE : A4
						PAGE : 4



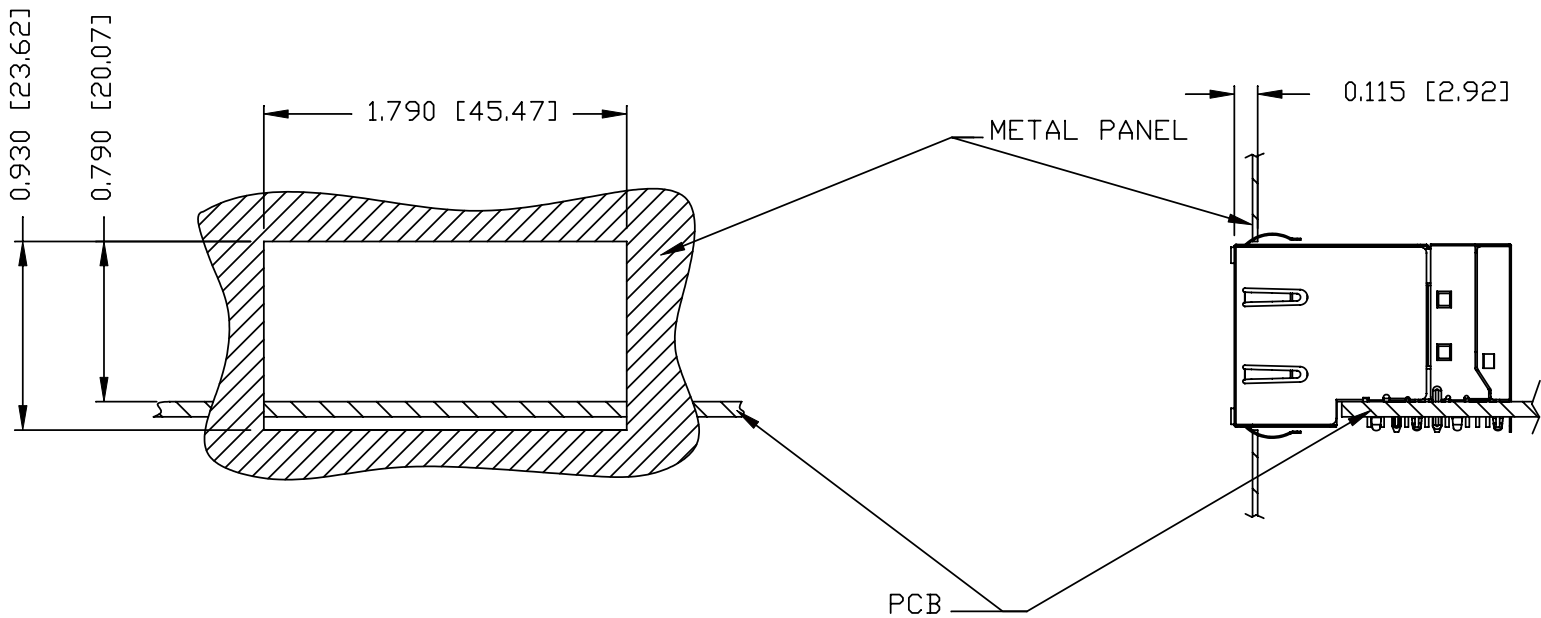


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DRAWN BY XIAN JIAXIN	DATE 04-22-09		FILE NAME C850-2G3R-FF_A.DWG	.X	UNIT : INCH [mm]	REV. : A
				.XX	SCALE : N/A	SIZE : A4
				.XXX	±0.004	PAGE : 5

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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-G8 (TOP)
 0200-9999-G9 (BOTTOM)
 PACKING QUANTITY : 30 PCS FINISHED GOODS PER TRAY.
 6 TRAYS (180 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 2X3 gigabit MagJack® COMPRESSOR SERIES (9 Cores) PATENTED	PART NO. / DRAWING NO. C850-2G3R-FF	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 bel COMPONENTS FOR A CONNECTED PLANET
LIU QIN	04-22-09			TOL. IN INCH		UNIT : INCH [mm]	REV. : A	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
XIAN JIAXIN	04-22-09	C850-2G3R-FF_A.DWG	.XX			PAGE : 6		
			.XXX	±0.004				

