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RoHS



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.

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) @ 100 OHMS +/-15%

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

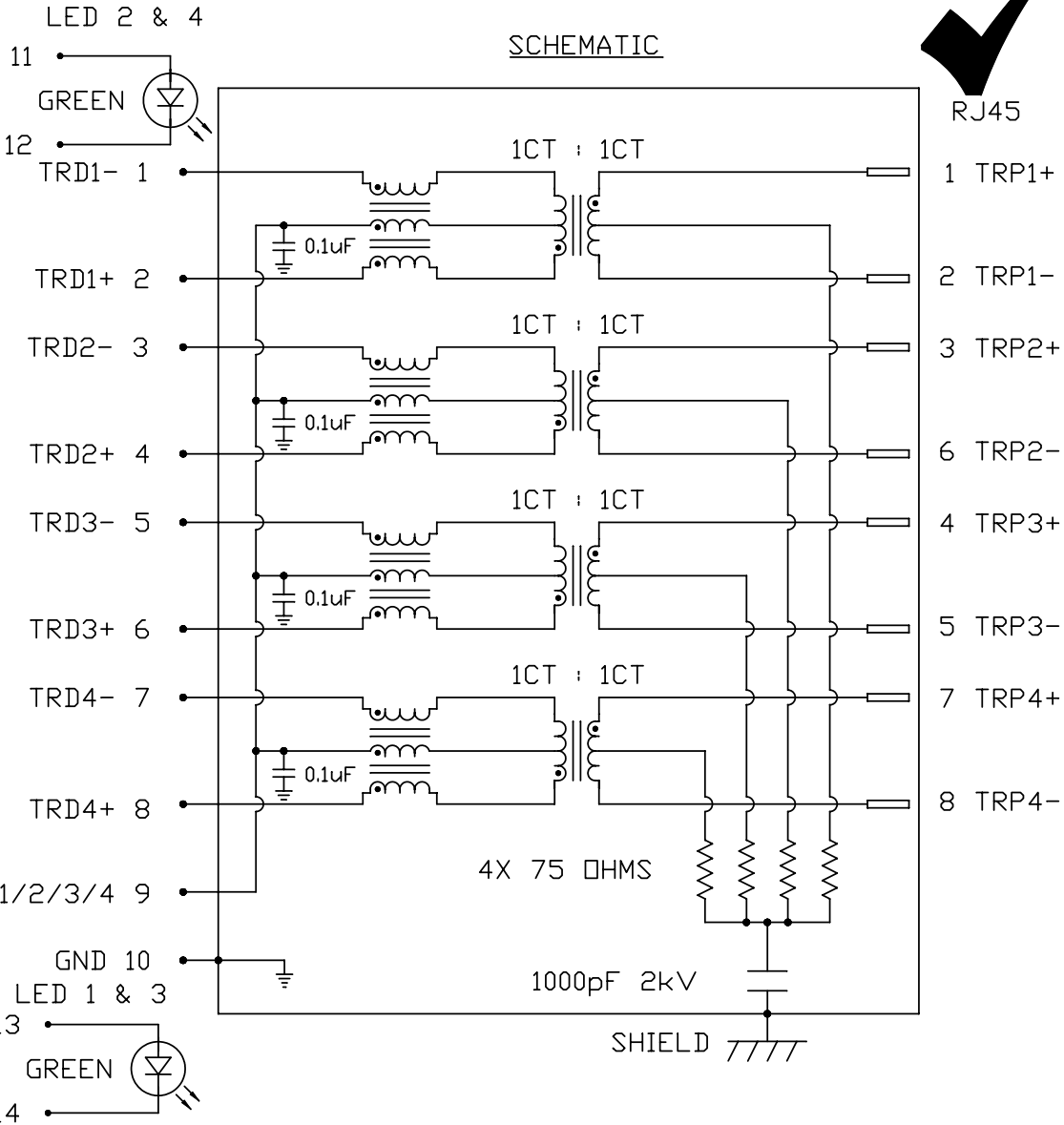
100kHz - 100MHz	-35 dB MIN
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HIPOT (Isolation Voltage): 1500 Vrms

100% OF PRODUCTION TESTED TO COMPLY
WITH IEEE 802.3 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 WANCHUNG 2012-08-29

DRAWN BY DATE
TAN QIGUANG 2012-08-29

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

PART NO. / DRAWING NO.
C850-2G3R-54

FILE NAME
C850-2G3R-54_C.DWG

STANDARD DIM.
TOL. IN INCH

.X	
.XX	
.XXX	

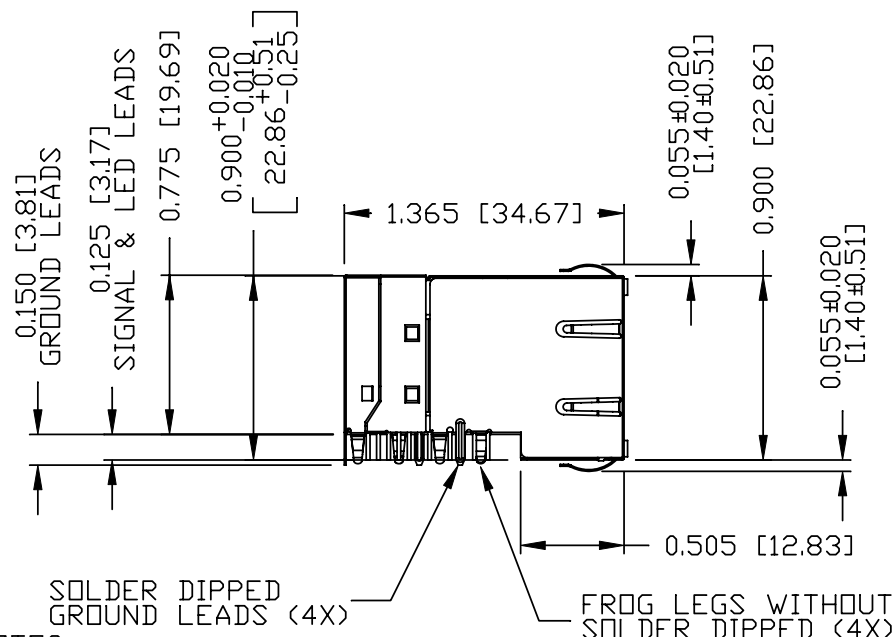
[] METRIC DIM. AS REFERENCE

UNIT : INCH [mm]	REV. : C
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NOTES:

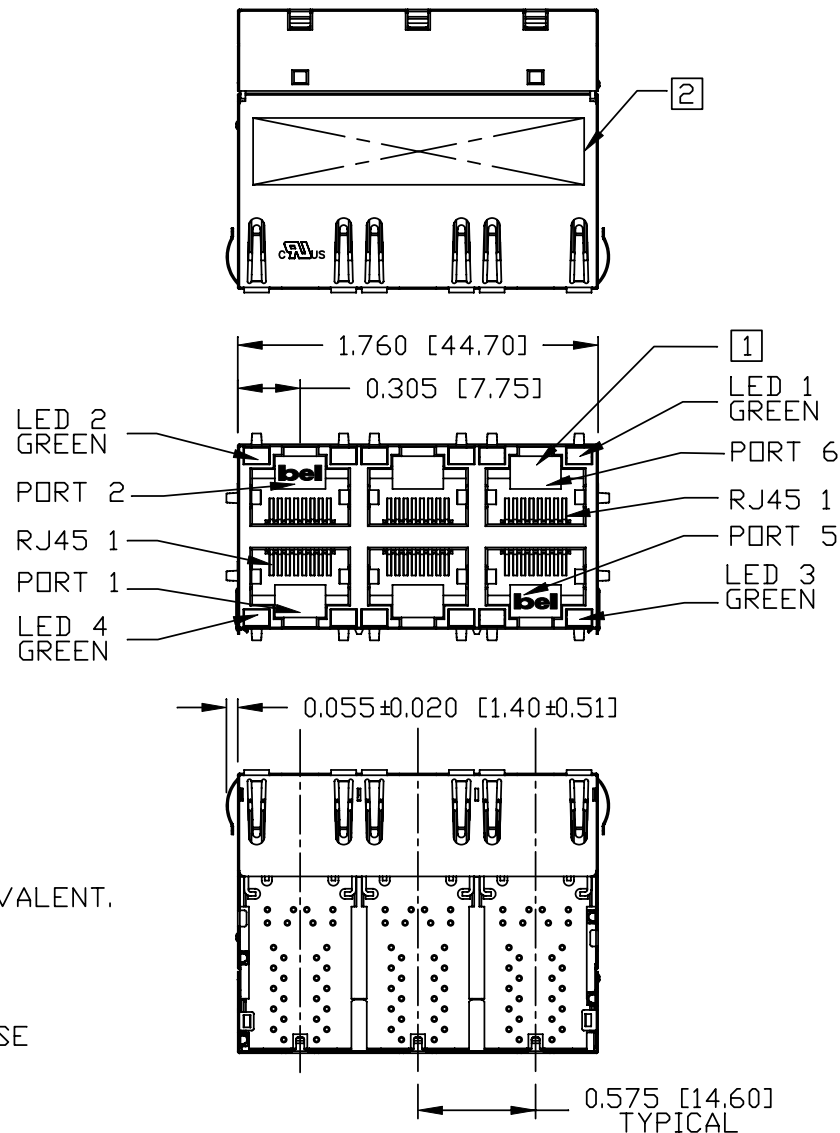
PLASTIC HOUSING: THERMOPLASTIC PBT
 FLAMMABILITY RATING UL 94V-0
 CONTACT PLATING: 50 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT.
 OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
 METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
 (ALL GROUND LEADS ARE SOLDER DIPPED)
 FROG LEGS ARE FOR PDB RETENTION
 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 US UL RECOGNIZED - FILE #E196366 AND E169987.

3. THE PRODUCT IS RoHS COMPLIANT.



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

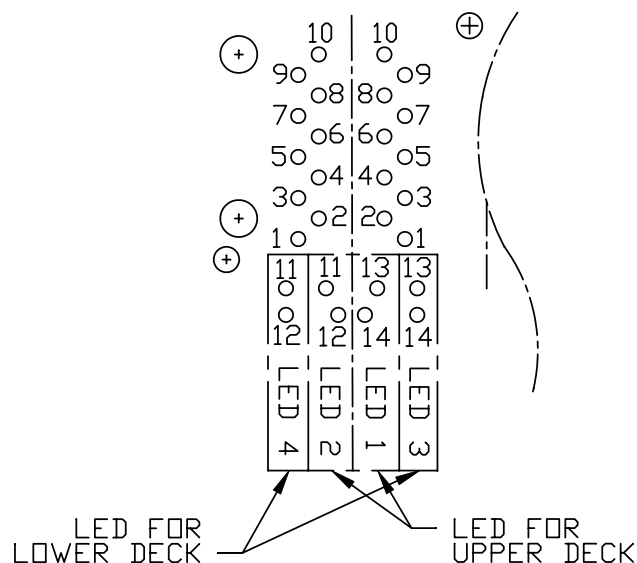
ORIGINATED BY	DATE	TITLE 2X3 gigabit MagJack® COMPRESSOR SERIES (8 Cores) PATENTED	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		<div>bel</div> <div>COMPONENTS FOR A CONNECTED PLANET</div>
ANTON LIAO	2012-08-29		C850-2G3R-54	TOL. IN INCH		UNIT : INCH [mm]	REV. : C	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
HE ZHEN	2012-08-29		C850-2G3R-54_C.DWG	.XX			PAGE : 3	
				.XXX	±0.010			



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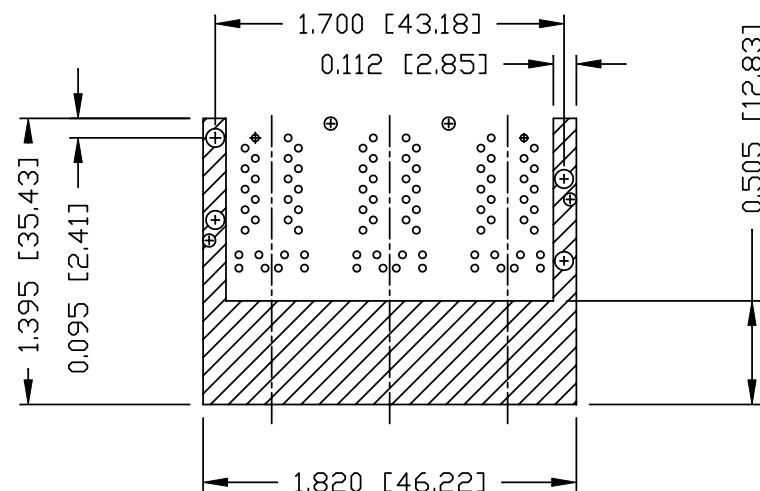
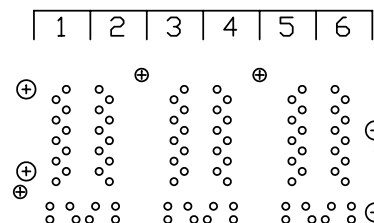
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PIN-OUT INFORMATION
(COMPONENT SIDE VIEW)

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.

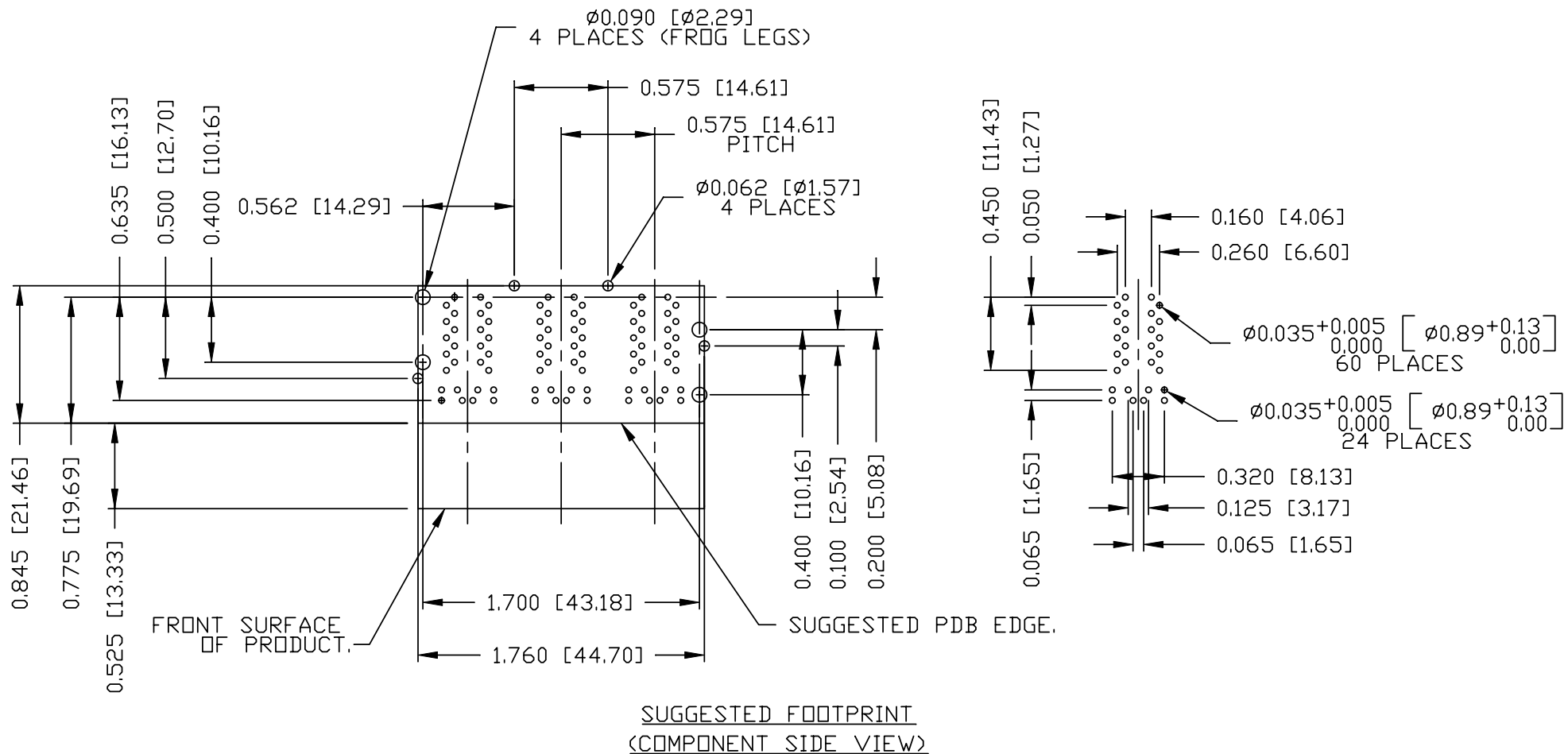
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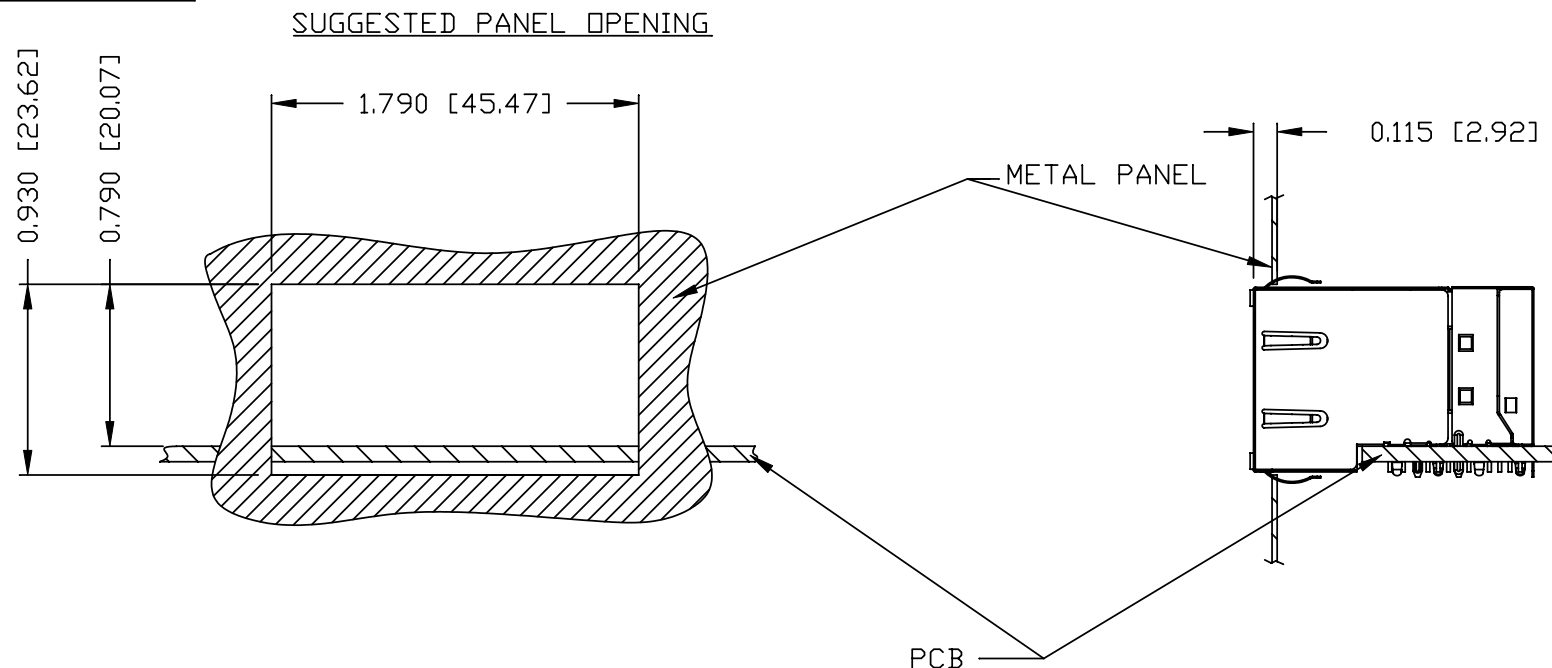
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				.XXX	±0.004		PAGE : 5





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 PDS FINISHED GOODS PER TRAY.

6 TRAYS (180 PDS 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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