

THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.



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%

OC L @ 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
-----------------	------------

CM TO DM REJ

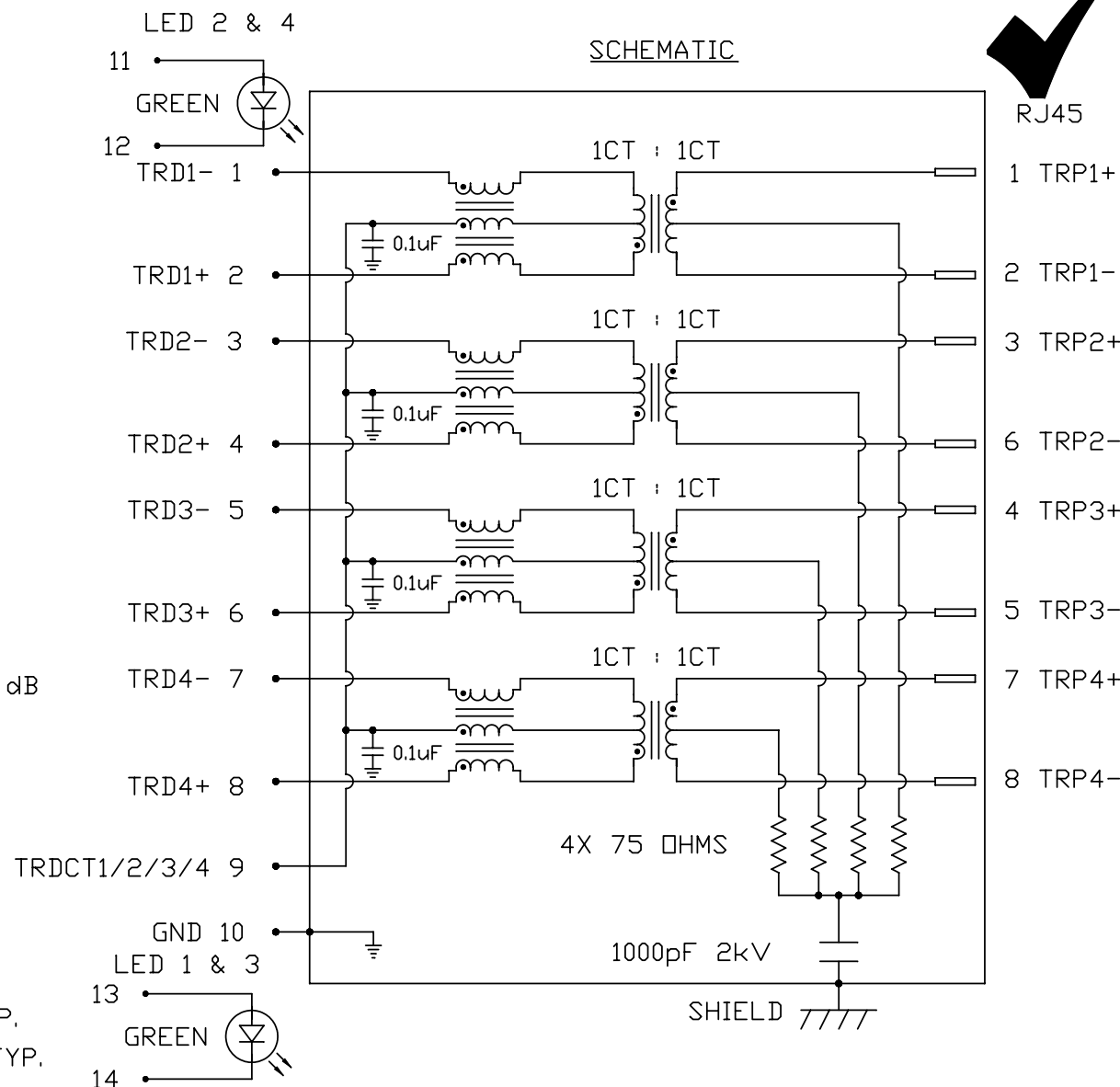
100kHz - 100MHz	-35 dB MIN
-----------------	------------

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	

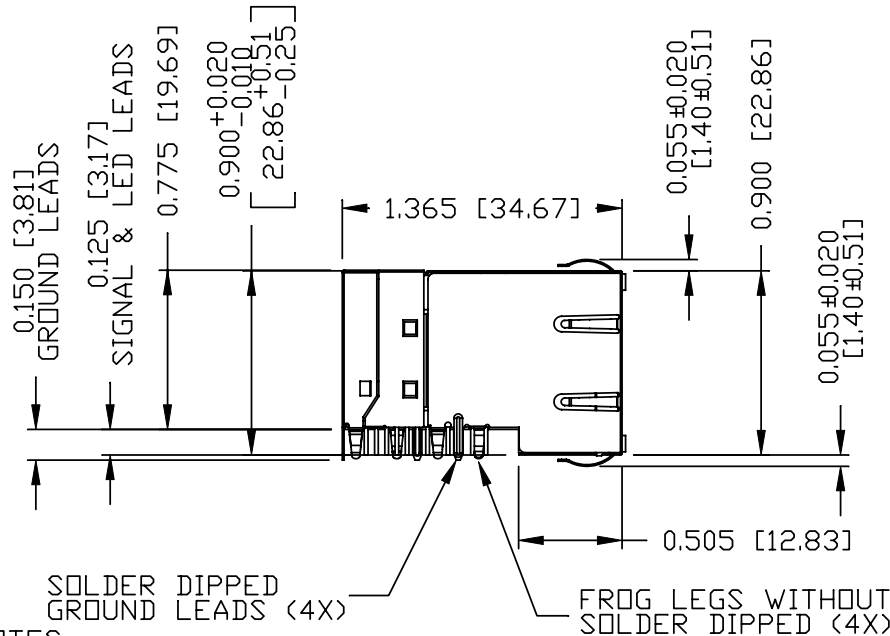
[] METRIC DIM. AS REFERENCE

UNIT : INCH [mm]	REV. : C
SCALE : N/A	SIZE : A4
	PAGE : 2



THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.

RoHS



NOTES:

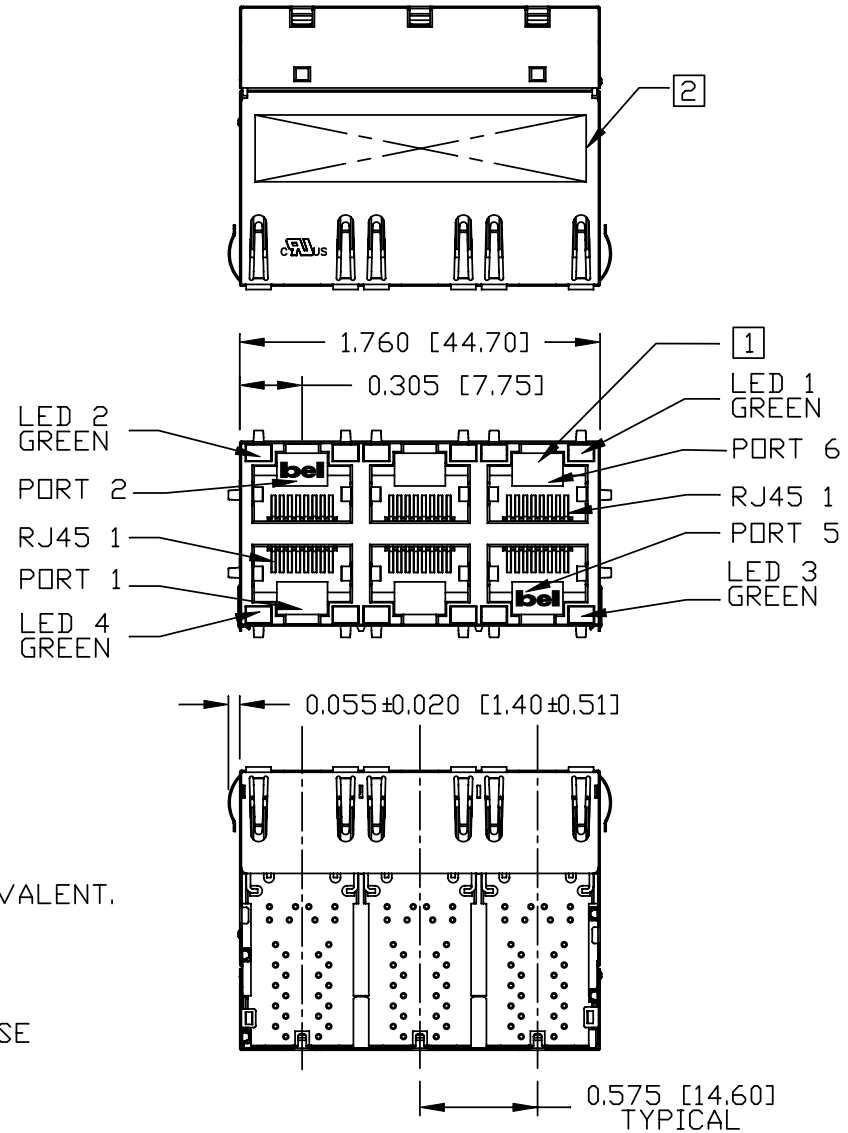
- PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0
CONTACT PLATING: 50 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT.
OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)
FROG LEGS ARE FOR PDB RETENTION
FORCE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

3. THE PRODUCT IS RoHS COMPLIANT.

UL RECOGNIZED - FILE #E196366 AND E169987.



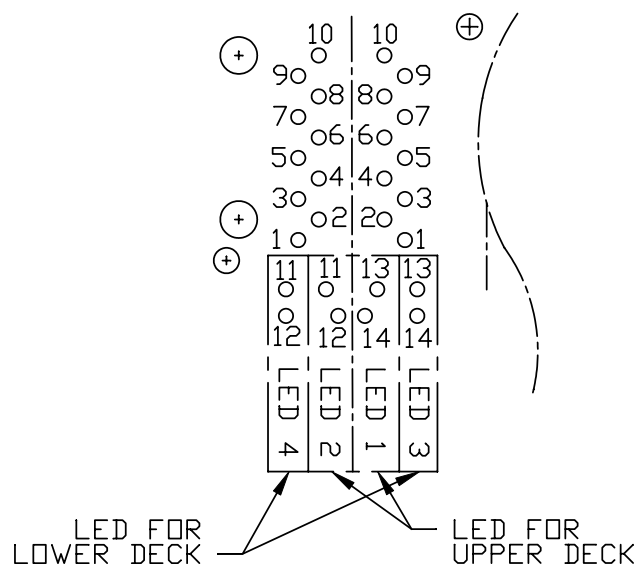
4. THE PRODUCT IS PATENTED, THE PATENT NUMBRER ARE U.S. PAT. 5,736,910 AND U.S. PAT. 6,840,817 AND U.S. PAT. 7,123,117.

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



THE INFORMATION CONTAINED HEREIN IS CONSIDERED
"PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE
COPIED, REPRODUCED OR DISCLOSED WITHOUT THE
WRITTEN APPROVAL OF BEL FUSE INC.

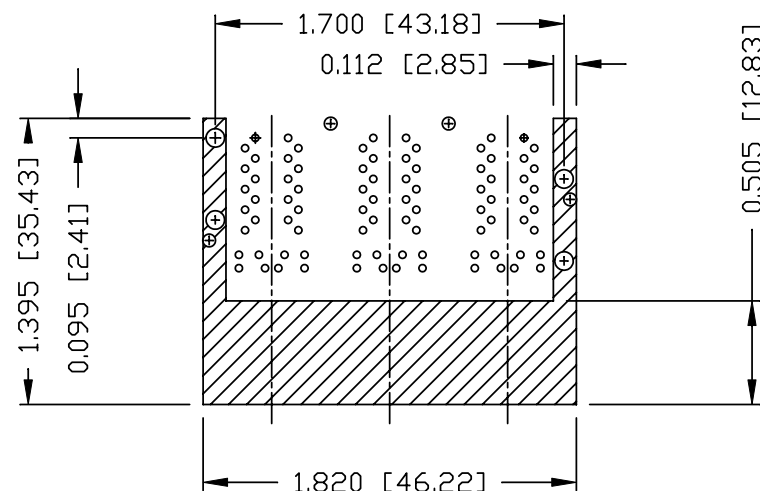
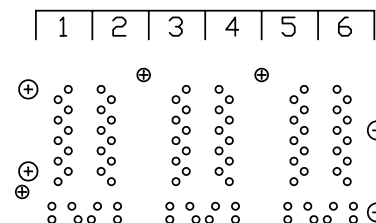
RoHS



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.

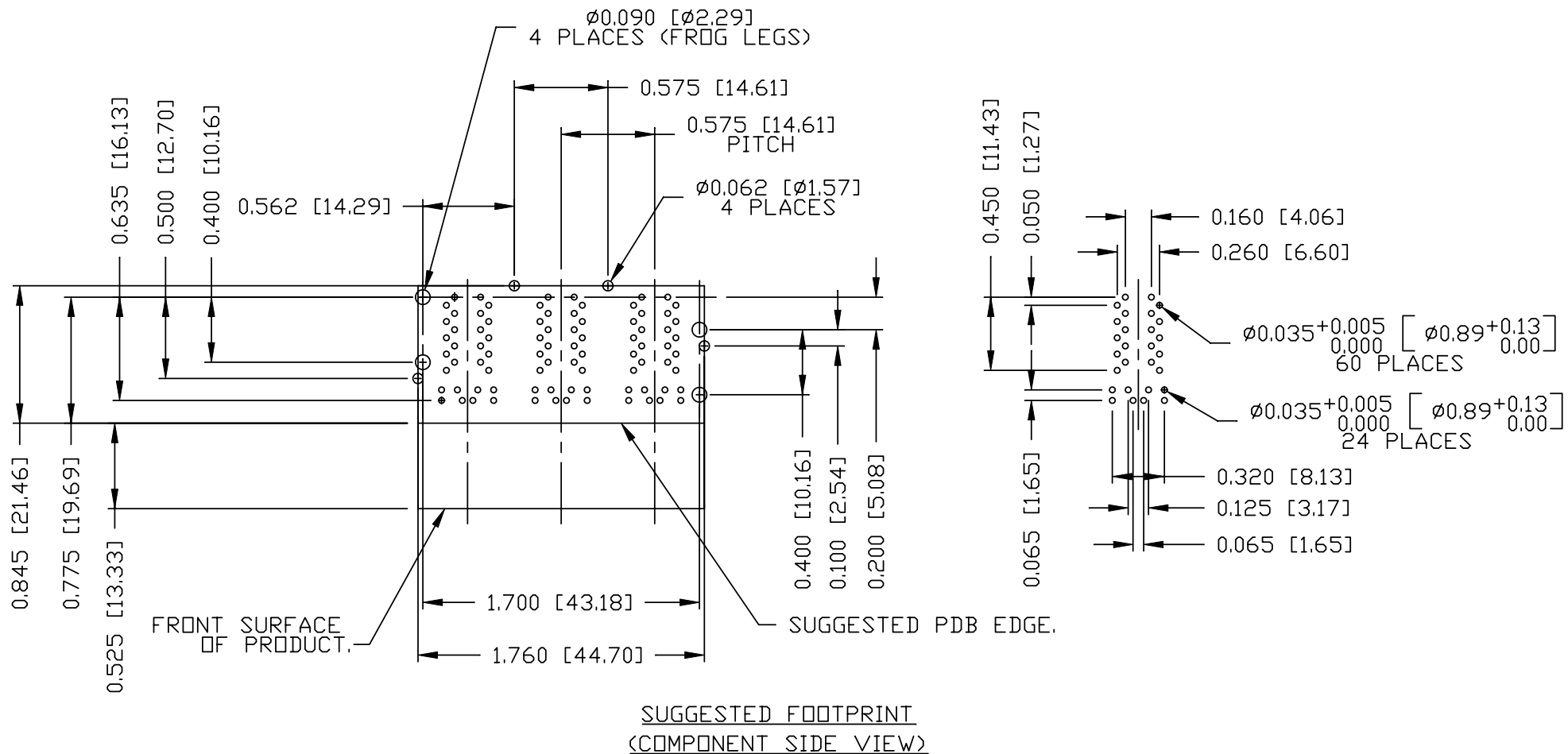
ORIGINATED BY ANTON LIAO	DATE 2012-08-29	TITLE 2X3 gigabit MagJack® COMPRESSOR SERIES (8 Cores) PATENTED	PART NO. / DRAWING NO. C850-2G3R-54	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
DRAWN BY HE ZHEN	DATE 2012-08-29		FILE NAME C850-2G3R-54_C.DWG	.X .XX .XXX	UNIT : INCH [mm] SCALE : N/A REV. : C SIZE : A4 PAGE : 4



This document is electronically generated. This is a controlled copy if used internally

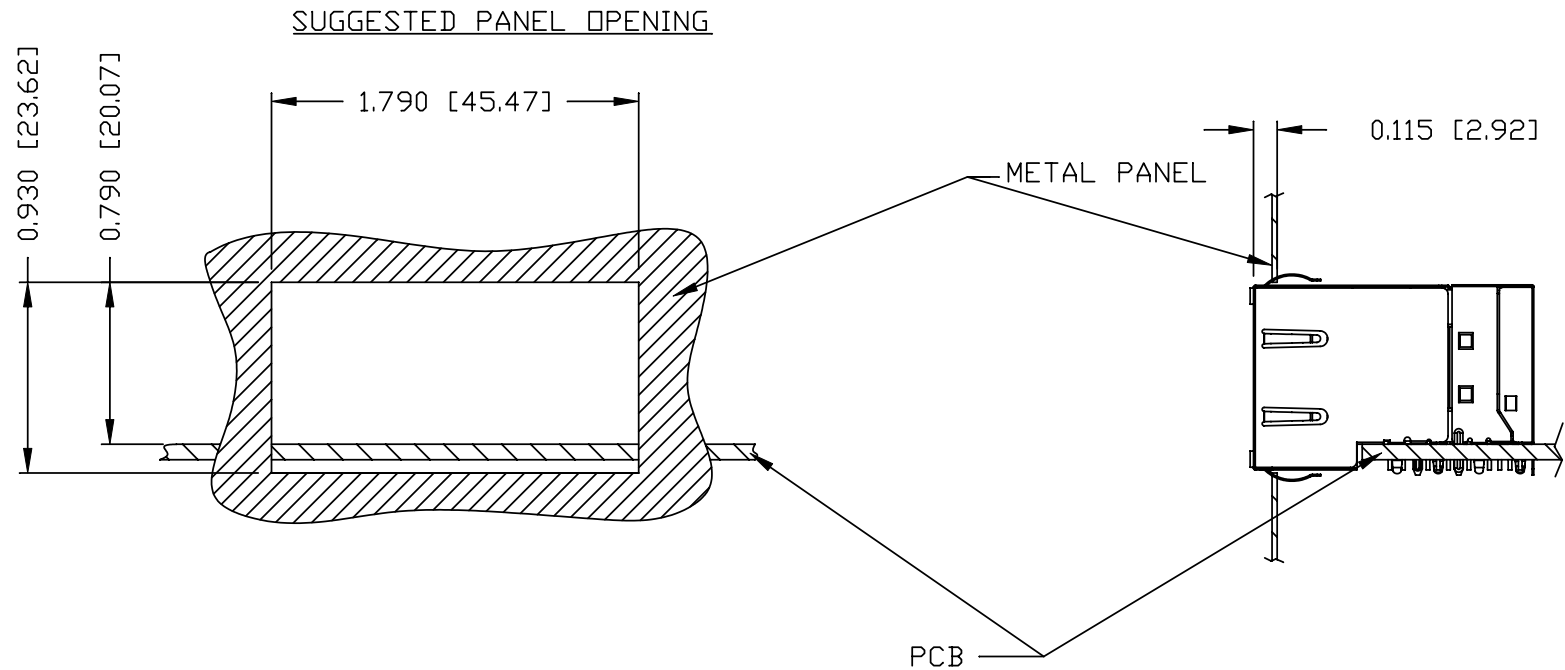
THE INFORMATION CONTAINED HEREIN IS CONSIDERED 'PROPRIETARY' TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.

RoHS



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

ORIGINATED BY ANTON LIAO	DATE 2012-08-29	TITLE 2X3 gigabit MagJack® COMPRESSOR SERIES (8 Cores) PATENTED	PART NO. / DRAWING NO. C850-2G3R-54	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE	
				.X		UNIT : INCH [mm]	REV. : C
DRAWN BY HE ZHEN	DATE 2012-08-29		FILE NAME C850-2G3R-54_C.DWG	.XX		SCALE : N/A	SIZE : A4
				.XXX	±0.004		PAGE : 6



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.