

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.

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

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

OCL @ 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
-----------------	------------

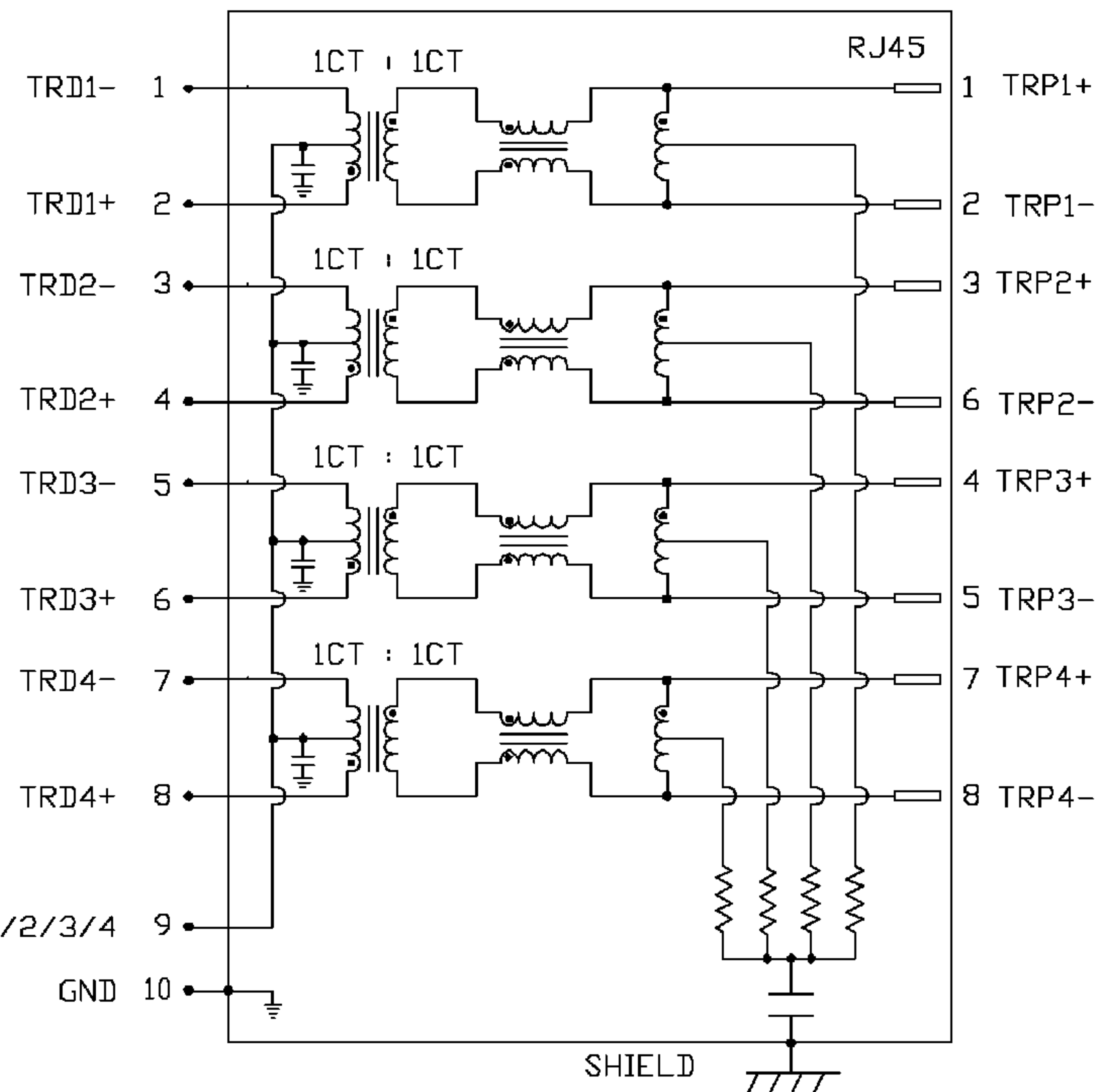
CM TO DM REJ

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

HIPOT (Isolation Voltage):

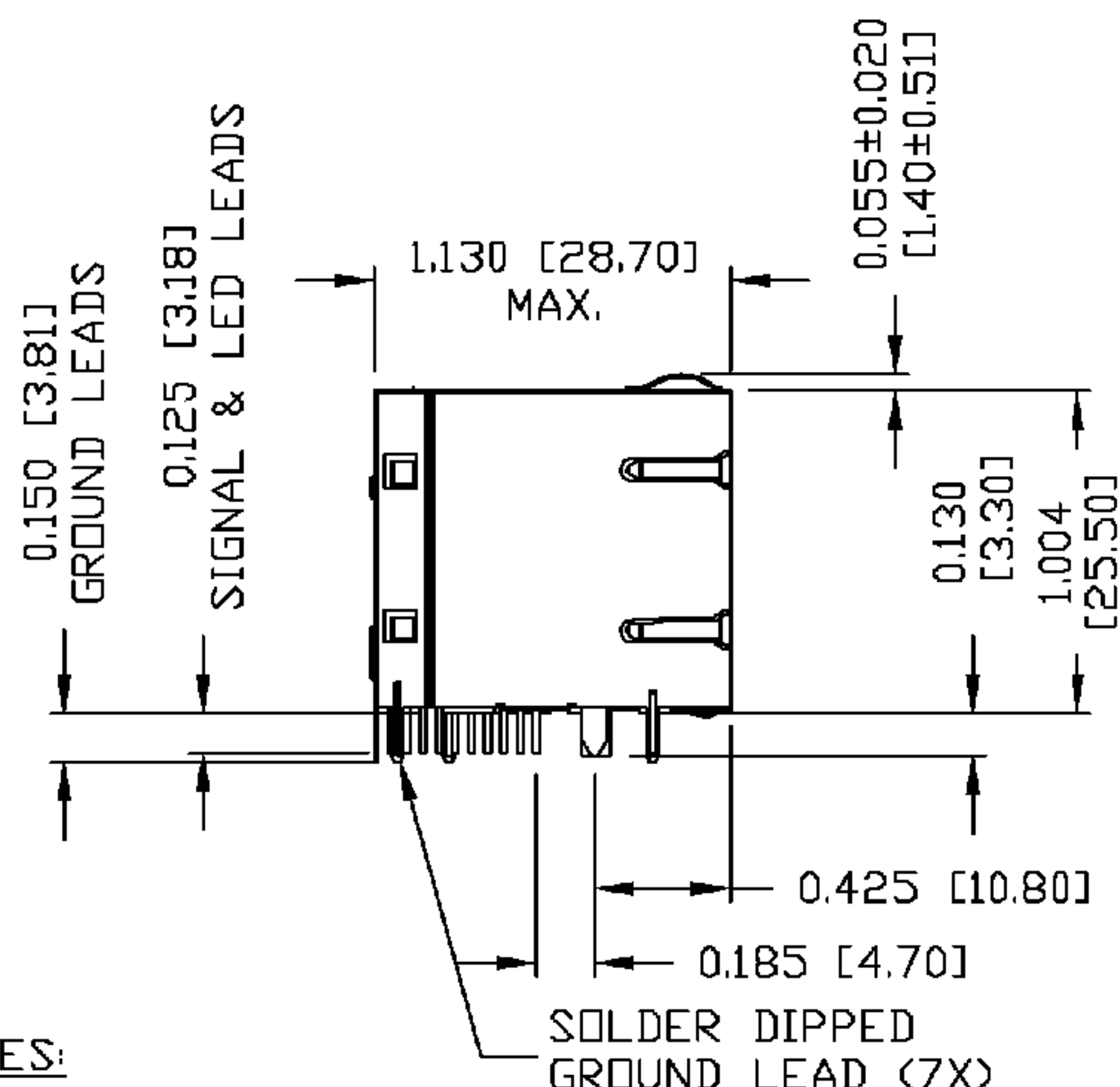
1500 Vrms

SCHEMATIC



ORIGINATED BY	DATE	TITLE 2X4 glgabt MagJack® (12 Cores)	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET	
CHUNG	09-13-05		0833-2X4R-33	TOL. IN INCH		UNIT : INCH [mm]			REV. : H
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A			SIZE : A4
DE	09-13-05		08332X4R33H.DWG	.XX					
			.XXX			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.

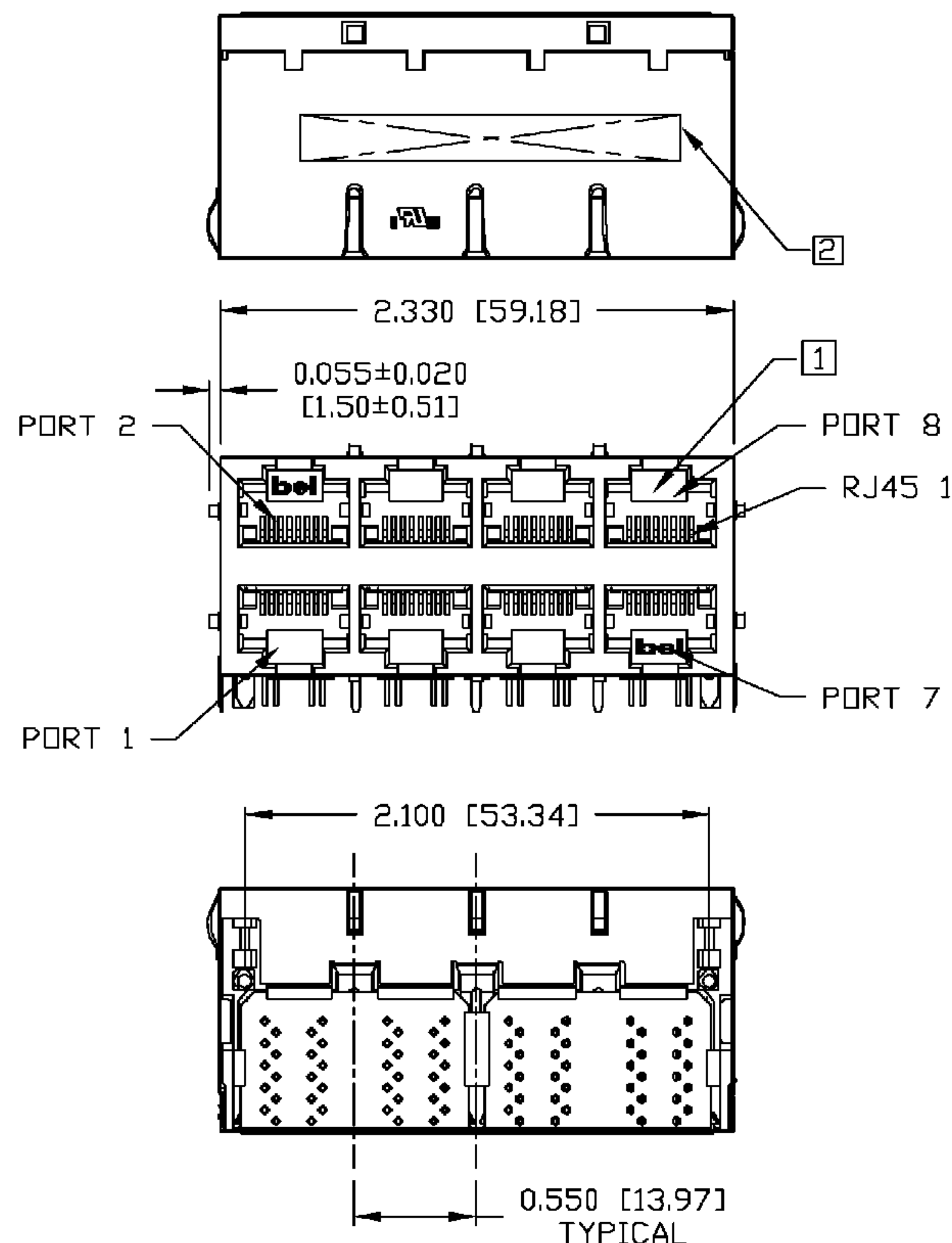


NOTES:

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.
SOLDERABILITY: PER MIL STD. 202, METHOD 208.
METAL SHIELD: NICKEL PLATED 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.

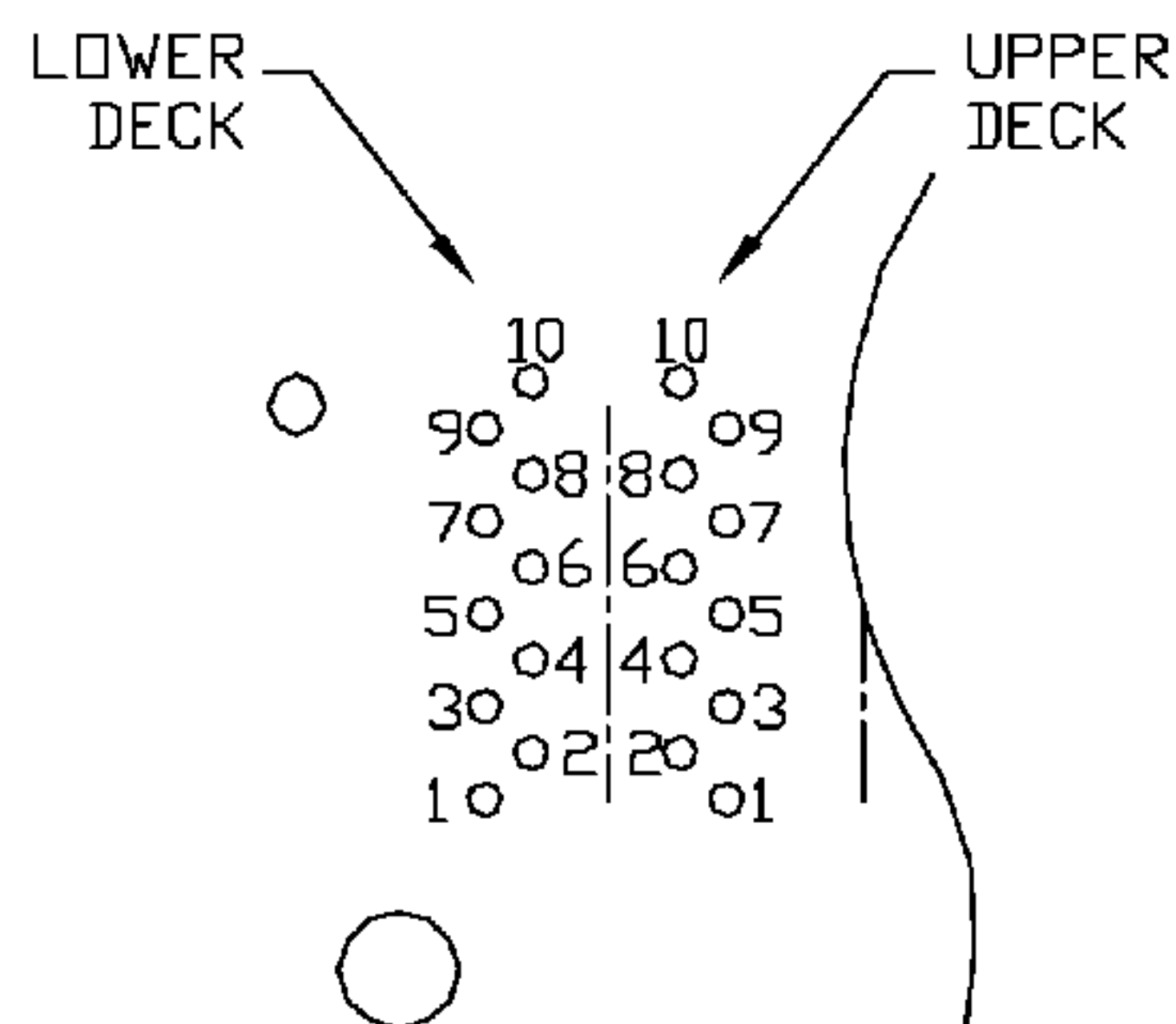
 US UL RECOGNIZED - FILE #E196366 AND E169987.



ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
BILL	09-13-05	2X4 glgabit MagJack® (12 Cores)	0833-2X4R-33	.X	UNIT : INCH [mm]	REV. : H
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A	SIZE : A4
SARAH	09-13-05		08332X4R33H.DWG	.XXX ±0.010		PAGE : 3

bel
COMPONENTS FOR A
CONNECTED
PLANET

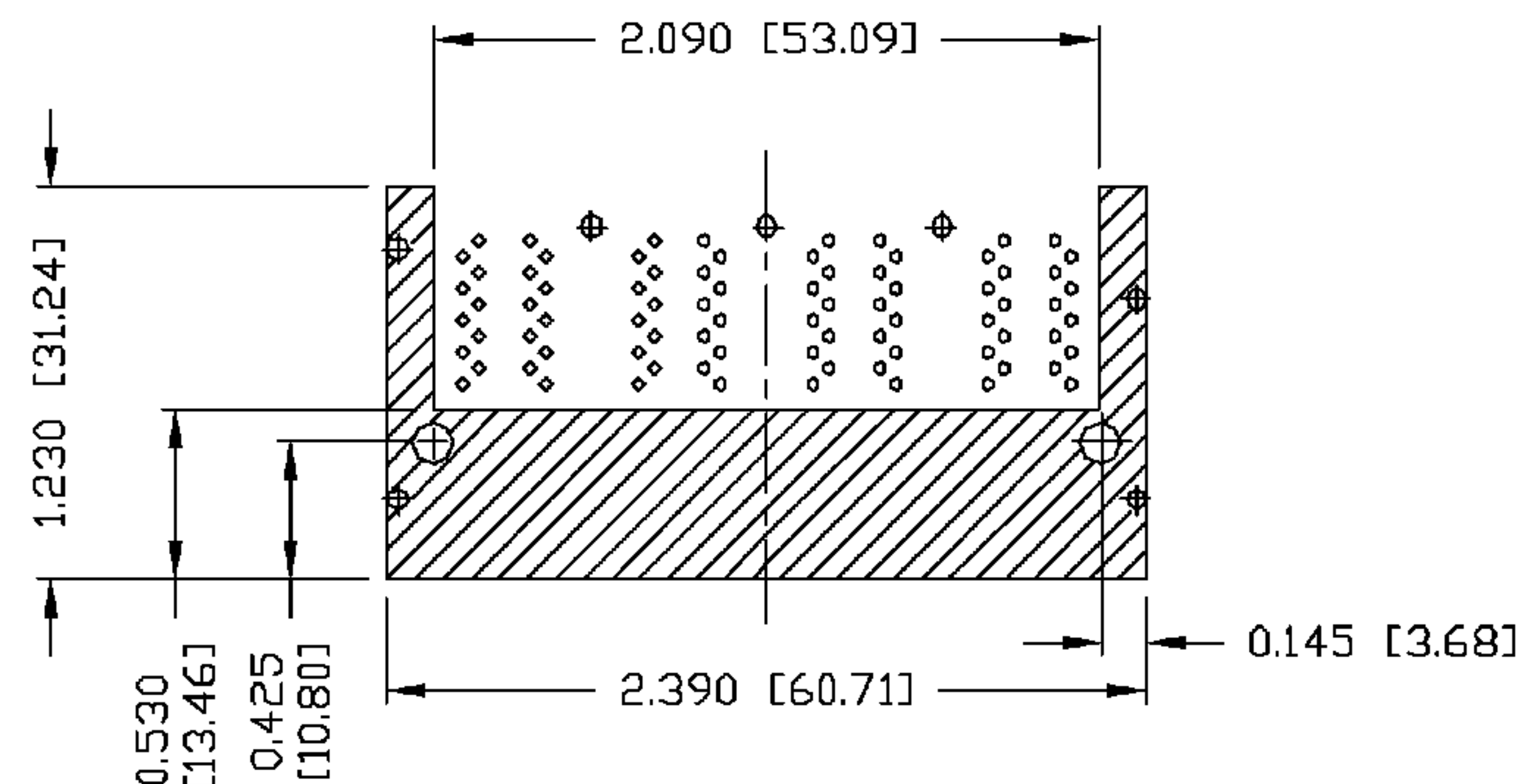
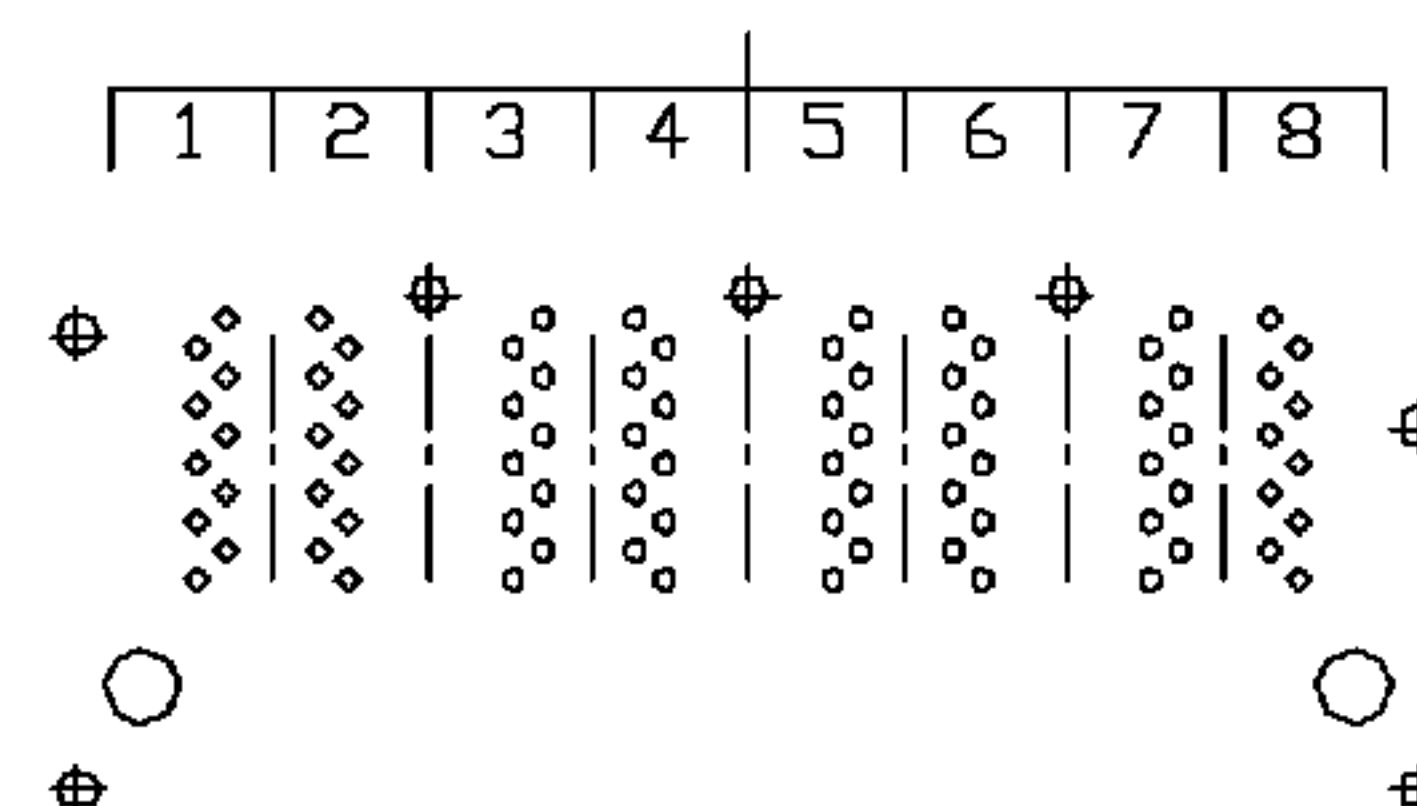
THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.



PIN-OUT INFORMATION
(COMPONENT SIDE VIEW)

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-

PORT ASSIGNMENT
(COMPONENT SIDE VIEW)

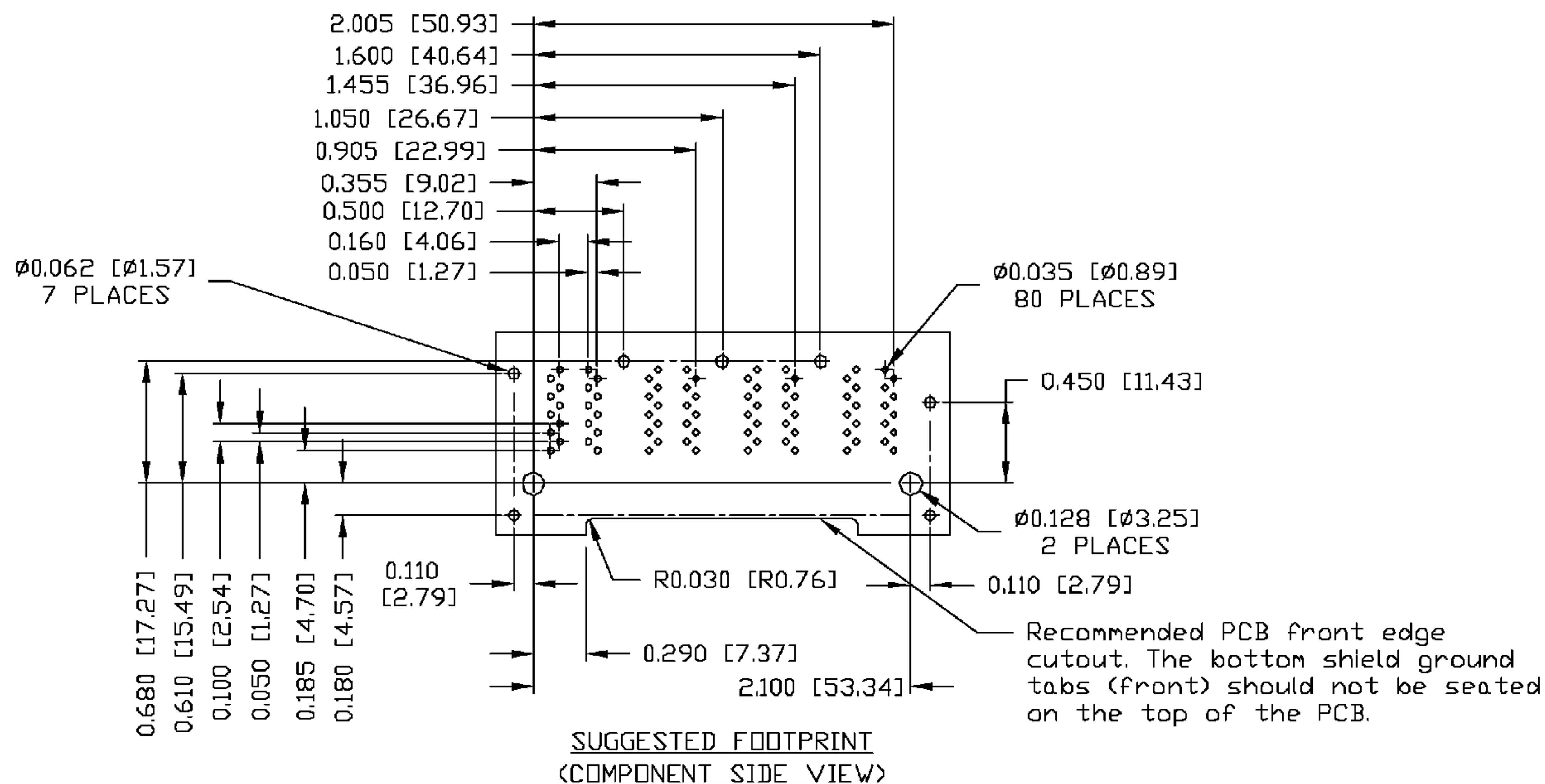


THE SHADED AREA ON THE CUSTOMER BOARD ARE RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR COMPONENT PAD.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
BILL	09-13-05	2X4 gigabit MagJack® (12 Cores)	0833-2X4R-33	.X	UNIT : INCH [mm]
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A
SARAH	09-13-05		08332X4R33H.DWG	.XXX	±0.010
					REV. : H
					SIZE : A4
					PAGE : 4



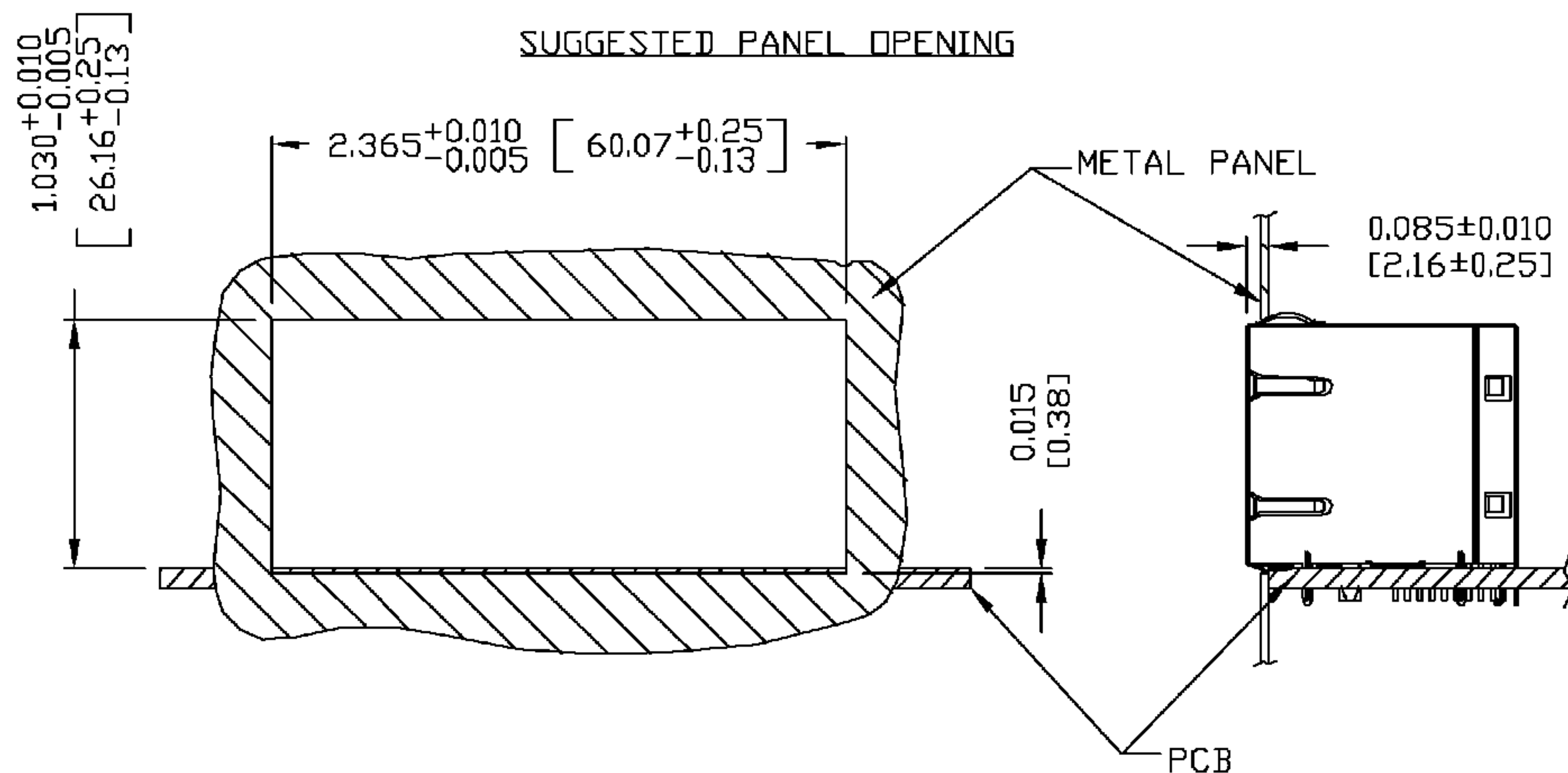
THE INFORMATION CONTAINED HEREIN IS CONSIDERED
"PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE
COPIED, REPRODUCED OR DISCLOSED WITHOUT THE
WRITTEN APPROVAL OF BEL FUSE INC.



ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
BILL	09-13-05	2X4 glgabl MagJack® (12 Cores)	0833-2X4R-33	.X	UNIT : INCH [mm]	REV. : H
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A	SIZE : A4
SARAH	09-13-05		08332X4R33H.DWG	.XXX ±0.010		PAGE : 5



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.



NOTES:

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 : 0200-0148-46 (TOP)

0200-0148-47 (BOTTOM)

PACKING QUANTITY : 20 PCS FINISHED GOODS PER TRAY.

7 TRAYS (140 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	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
BILL	09-13-05	2X4 glgabl MagJack® (12 Cores)	0833-2X4R-33	.X	UNIT : INCH [mm] REV. : H
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A SIZE : A4
SARAH	09-13-05		08332X4R33H.DWG	.XXX ±0.004	PAGE : 6

