

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.

LED1 POLARITY			LED2 POLARITY		
PIN 7	PIN 8	COLOR	PIN 9	PIN 10	COLOR
-	+	GREEN	-	+	GREEN
+	-	YELLOW	+	-	YELLOW

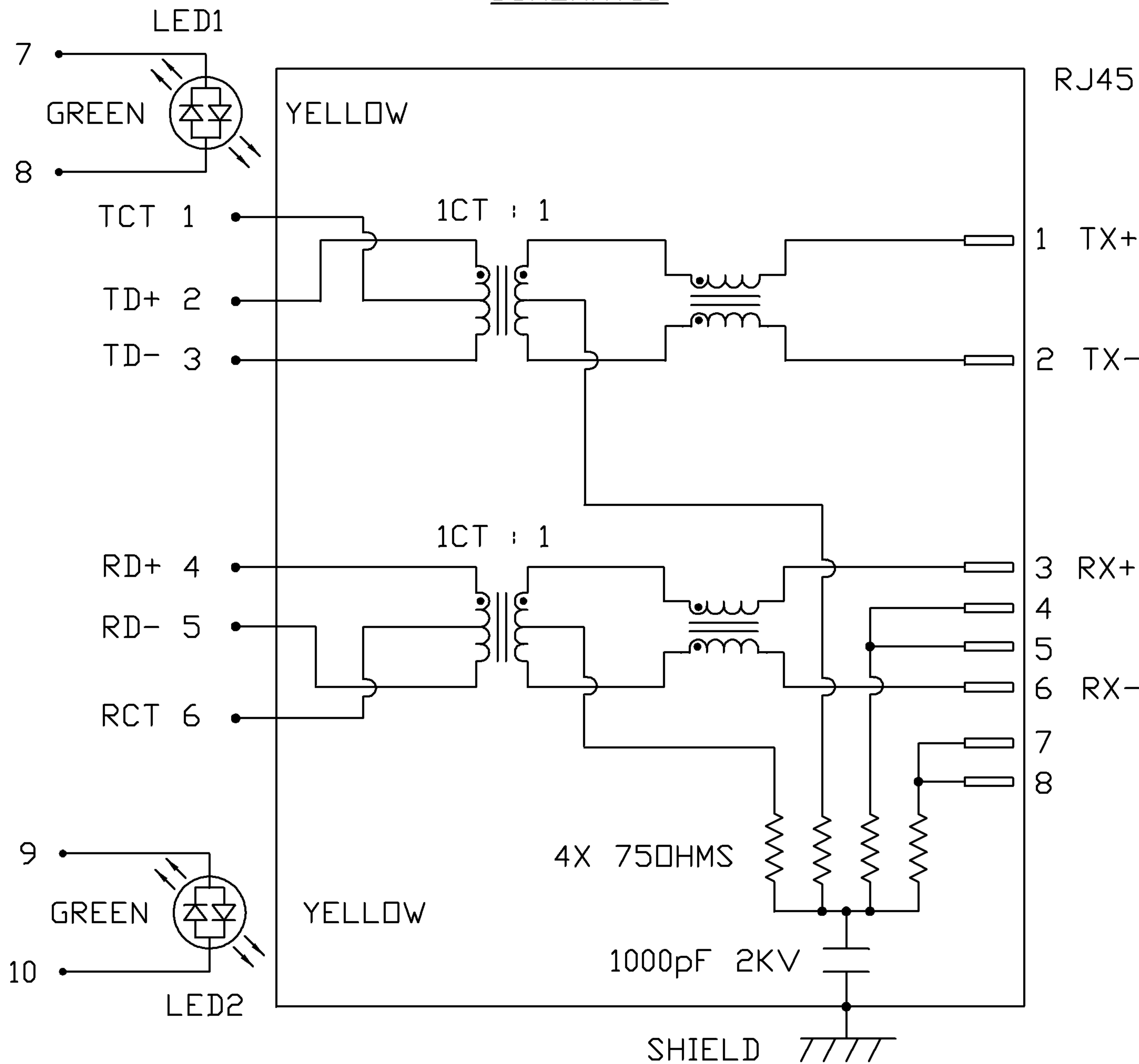
RoHS
2002/95/EC



ELECTRICAL CHARACTERISTICS @ 25°C

TRANSFORMER	1CT : 1
TX	1CT : 1
RX	1CT : 1
OCV @ 100kHz/100mVRMS	350μH MIN.
8mA DC BIAS	
INS. LOSS	-1.0 dB MAX
1MHz TO 100MHz	
RET. LOSS (MIN)	-18 dB
1MHz-30MHz	-18+20LOG(F/30MHz) dB
30MHz-60MHz	-12 dB
60MHz-80MHz	
CROSS TALK (TX - RX)	
500kHz-1MHz	-70 dB MIN
10 MHz	-50 dB MIN
30 MHz	-45 dB MIN
50 MHz	-40 dB MIN
100 MHz	-35 dB MIN
CM TO CM REJ	
100kHz-1MHz	-70 dB MIN
10 MHz	-47 dB MIN
30 MHz	-42 dB MIN
60 MHz	-37 dB MIN
100 MHz	-30 dB MIN
CM TO DM REJ	
100kHz-1MHz	-70 dB MIN
10 MHz	-60 dB MIN
30 MHz	-50 dB MIN
60 MHz	-45 dB MIN
100 MHz	-40 dB MIN
HIPOT (Isolation Voltage):	1500 Vrms
100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS.	
LED 1 & LED 2	
VF (FORWARD VOLTAGE)	IF=20mA GREEN 2.2V TYP. YELLOW 2.1V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA GREEN 565nm TYP. YELLOW 590nm TYP.

SCHEMATIC



ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE
CHOW WANCHUNG	08-06-08	MagJack® (4 Cores, MDIX, CM Termination)	08261C2T06-F	TOL. IN INCH	UNIT : INCH [mm] REV. : B
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A SIZE : A4
WEIDE LEE	08-06-08		08261C2T06-F_B.DWG	.XX	PAGE : 2
				.XXX	



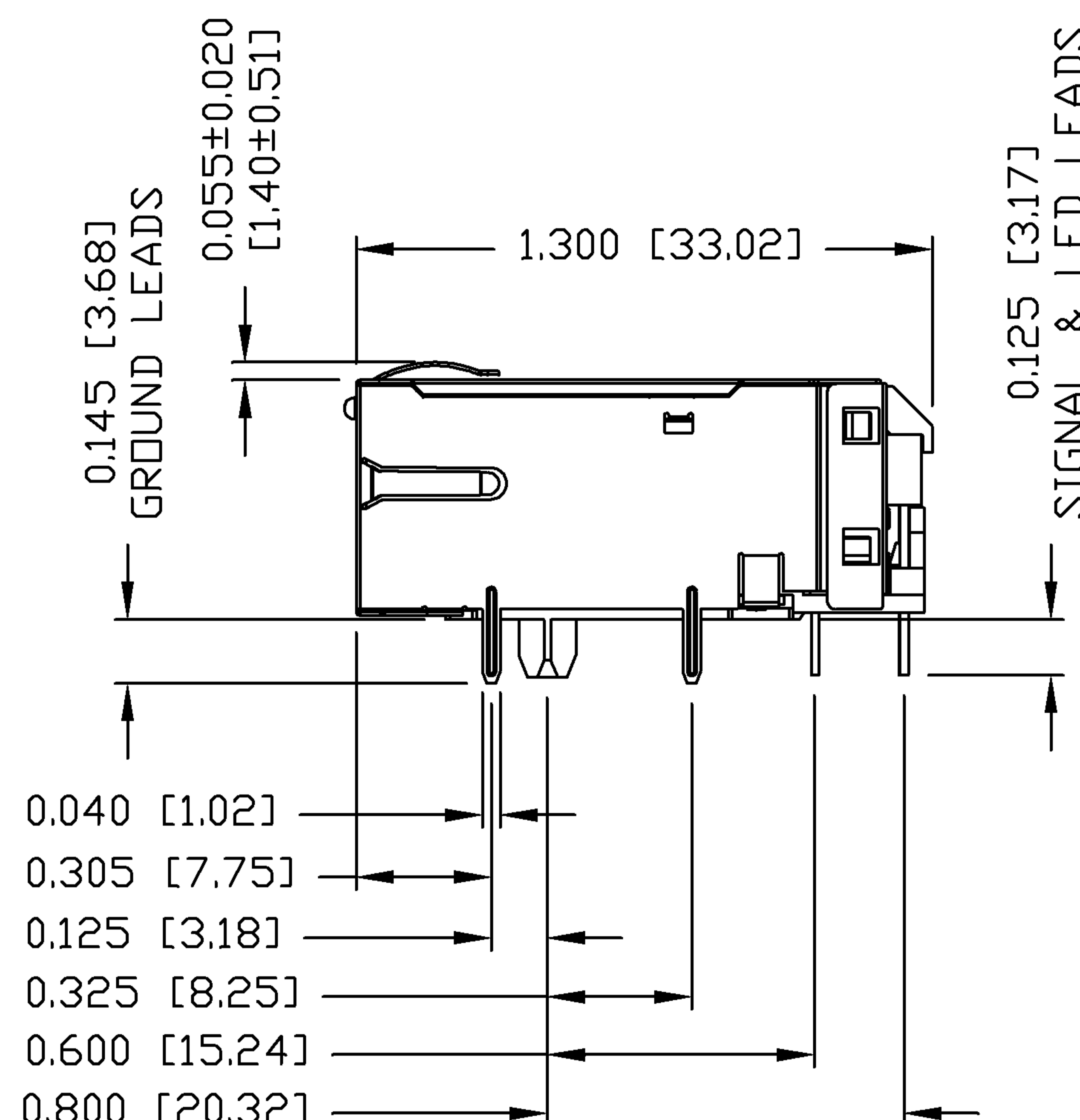
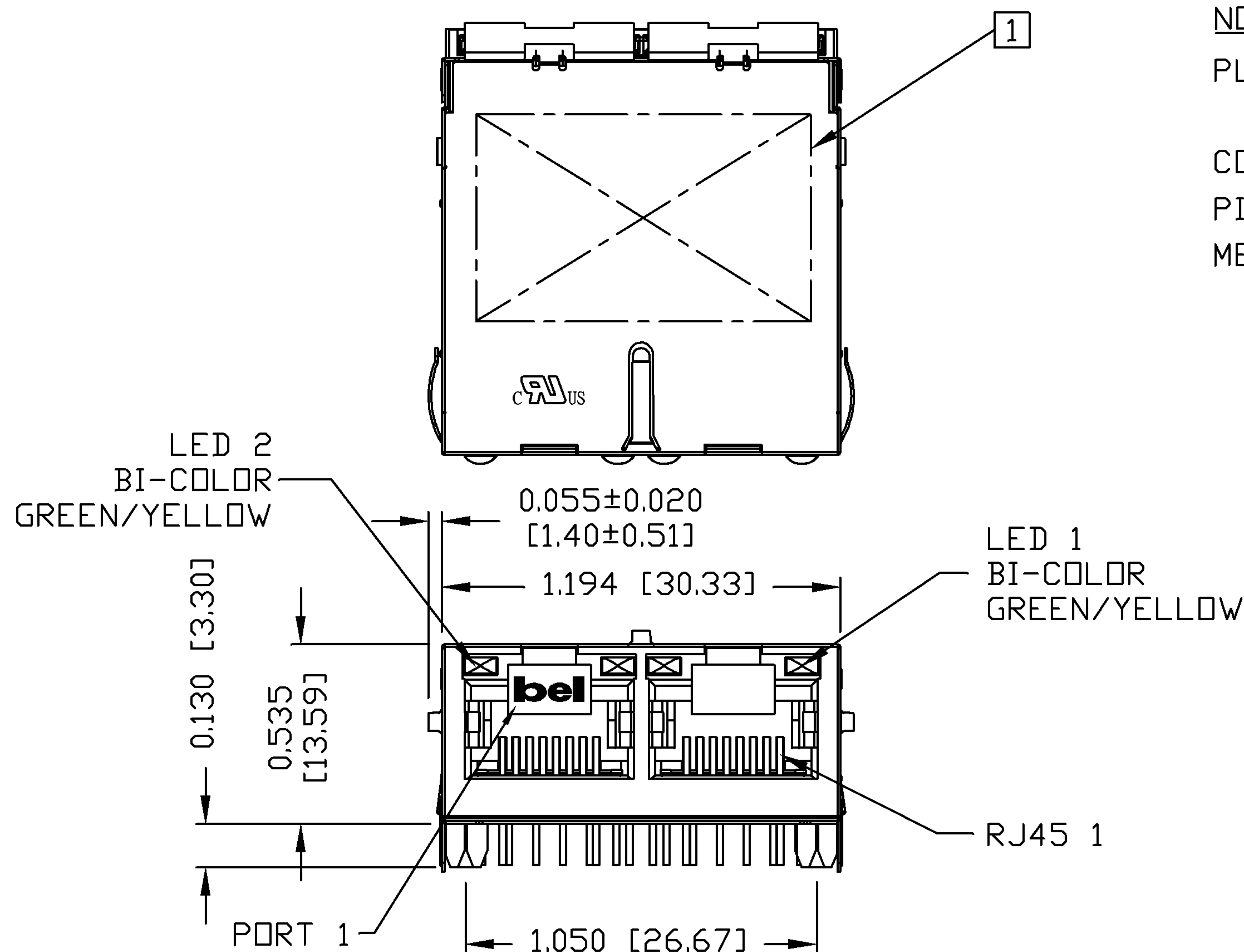
THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.

RoHS
2002/95/EC




NOTES:

PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0
CONTACTS PLATING: 30 MICRO-INCH HARD GOLD PLATING
PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)



1 MARK PART WITH MFG LOGO, PART NUMBER, DATE CODE AND MFG NAME.

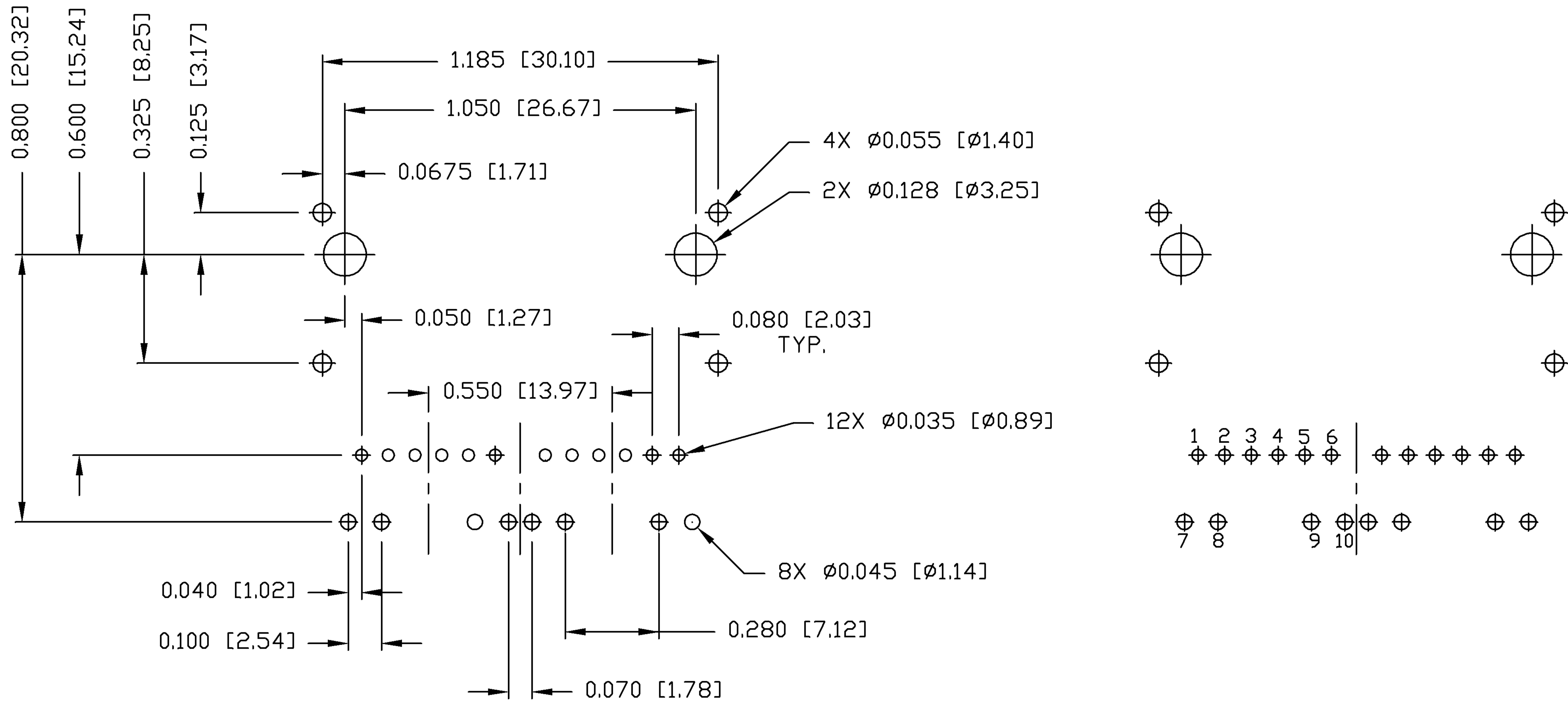
UL US UL RECOGNIZED - FILE #E196366 AND E169987.
RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC
JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS



ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		
				TOL. IN INCH		UNIT : INCH [mm]	REV. : B	
ZX HUANG	08-06-08	MagJack ® (4 Cores, MDIX, CM Termination)	08261C2T06-F	.X		SCALE : N/A	SIZE : A4	
DRAWN BY	DATE			.XX			PAGE : 3	
BL CHEN	08-06-08			.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.



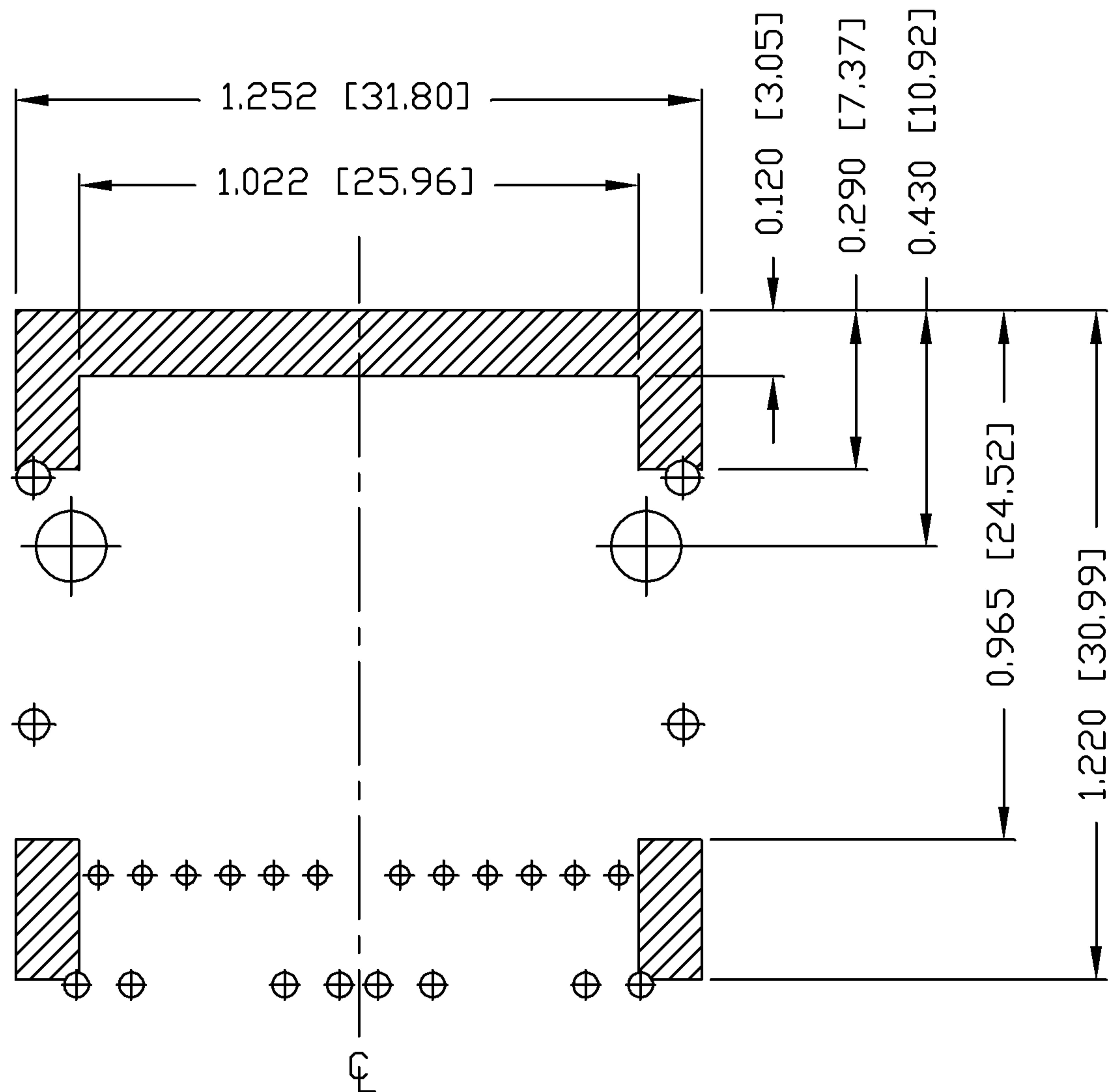
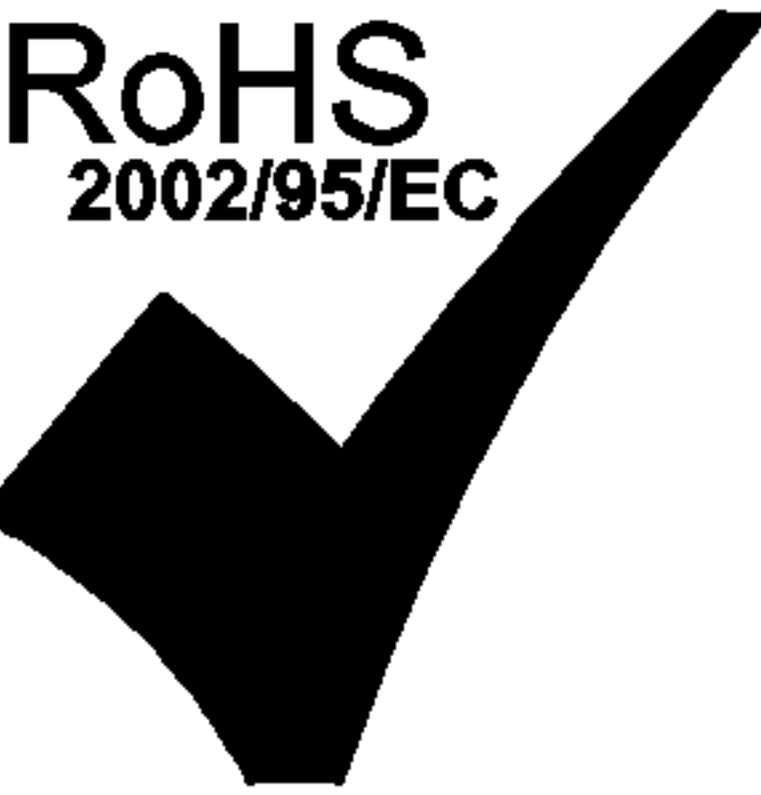
RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW



ORIGINATED BY ZX HUANG	DATE 08-06-08	TITLE MagJack® (4 Cores, MDIX, CM Termination) 0826-1C2T-06-F	PART NO. / DRAWING NO. 08261C2T06-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET™
				.X		UNIT : INCH [mm]	REV. : B	
DRAWN BY BL CHEN	DATE 08-06-08		FILE NAME 08261C2T06-F_B.DWG	.XX		SCALE : N/A	SIZE : A4	
				.XXX	±0.004		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.

RoHS
2002/95/EC

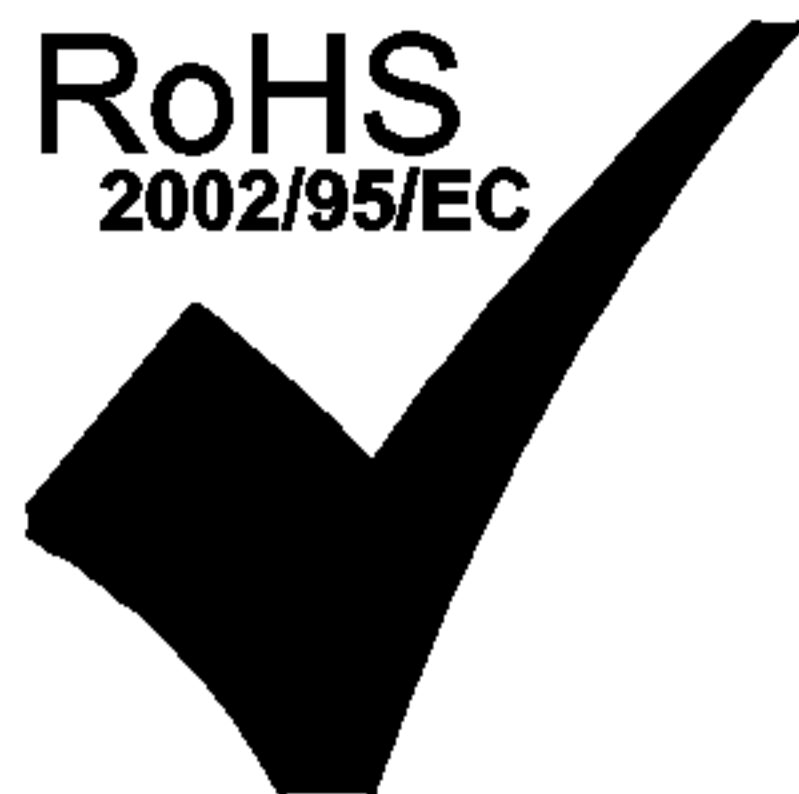


NOTES

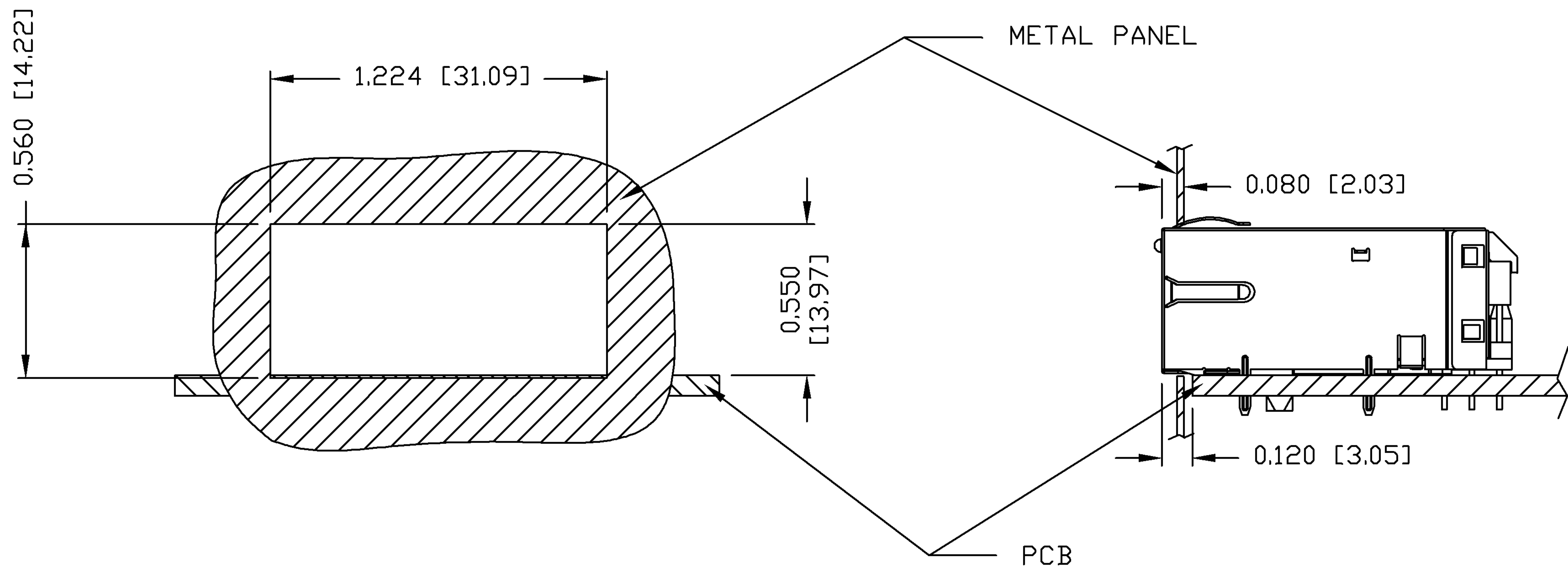
THE SHADED AREA ON THE CUSTOMER BOARD ARE RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR COMPONENT PAD.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE	
				TOL.	IN INCH	UNIT : INCH [mm]	REV. : B
ZX HUANG	08-06-08	MagJack® (4 Cores, MDIX, CM Termination) 0826-1C2T-06-F	08261C2T06-F	.X		SCALE : N/A	SIZE : A4
DRAWN BY	DATE			.XX			PAGE : 5
BL CHEN	08-06-08			.XXX	±0.004		

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.



SUGGESTED PANEL OPENING



NOTES:


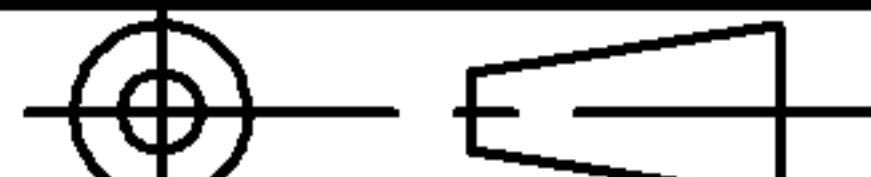
THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION. IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.

PACKING INFORMATION

PACKING TRAY: 0200-9999-I1 (TOP)
0200-9999-I2 (BOTTOM)

PACKING QUANTITY: 49 PCS FINISHED GOODS PER TRAY
7 TRAYS (343 PCS FINISHED GOODS) PER CARTON BOX.

NOTE: CARDBOARD ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX.
(INCLUDE THE UPPERMOST AND LOWEREST TRAY)

ORIGINATED BY ZX HUANG	DATE 08-06-08	TITLE MagJack ® (4 Cores, MDIX, CM Termination) 0826-1C2T-06-F	PART NO. / DRAWING NO. 08261C2T06-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
				.X		UNIT : INCH [mm]	REV. : B	
DRAWN BY BL CHEN	DATE 08-06-08		FILE NAME 08261C2T06-F_B.DWG	.XX		SCALE : N/A	SIZE : A4	
				.XXX	±0.004		PAGE : 6	