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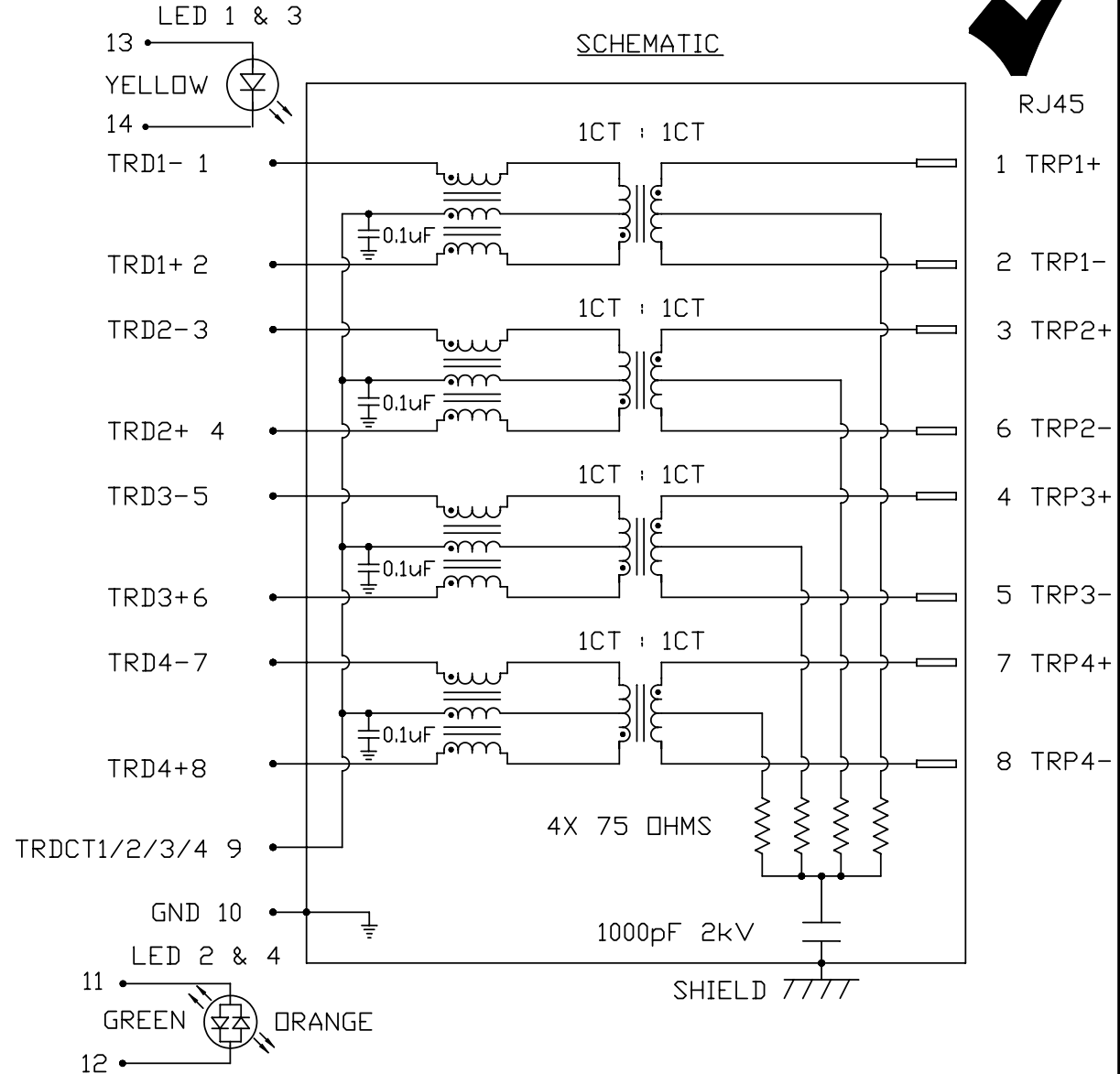
RoHS
2002/95/EC



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

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO	
TP1	1CT : 1CT ±2%
TP2	1CT : 1CT ±2%
TP3	1CT : 1CT ±2%
TP4	1CT : 1CT ±2%
QCL @ 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):	
100% OF PRODUCTION TESTED TO COMPLY WITH	1500 Vrms
IEEE 802.3 ISOLATION REQUIREMENTS.	
LED1 & LED3	
VF (FORWARD VOLTAGE) IF=20mA	YELLOW 2.1V TYP.
λD (DOMINANT WAVELENGTH) IF=20mA	YELLOW 590nm TYP.
LED2 & LED4	
VF (FORWARD VOLTAGE) IF=20mA	GREEN 2.2V TYP.
	ORANGE 2.0V TYP.
λD (DOMINANT WAVELENGTH) IF=20mA	GREEN 565nm TYP.
	ORANGE 610nm TYP.



ORIGINATED BY	DATE
CHOW WANCHUNG	01-13-09
DRAWN BY	DATE
LEE WEIDE	01-13-09

TITLE
2X6 gigabit MagJack® COMPRESSOR SERIES (8 Cores)

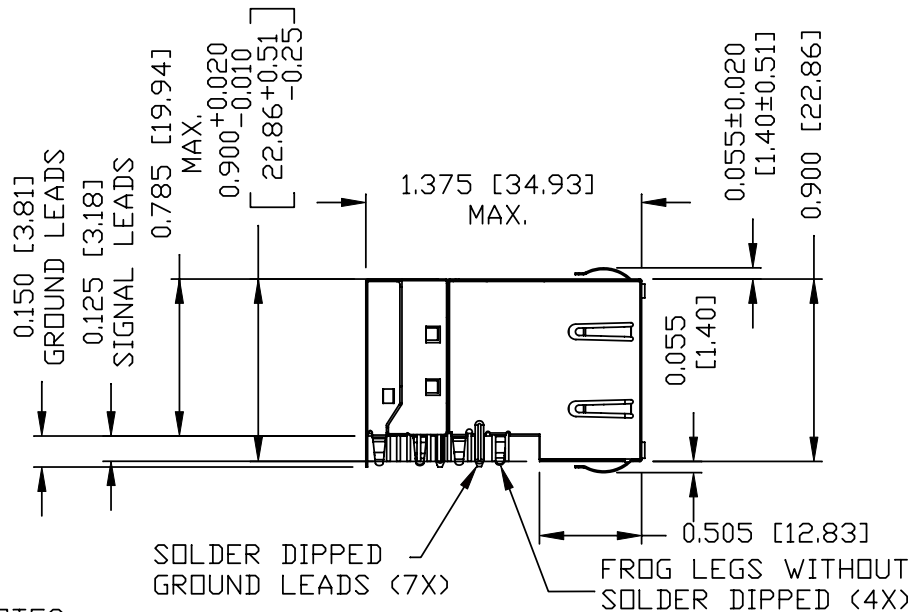
PART NO. / DRAWING NO.
C850-2X6R-54
FILE NAME
C850-2X6R-54_B.DWG

STANDARD DIM.
TOL. IN INCH
.X
.XX
.XXX

[] METRIC DIM. AS REFERENCE	
UNIT : INCH [mm]	REV. : B
SCALE : N/A	SIZE : A4
	PAGE : 2



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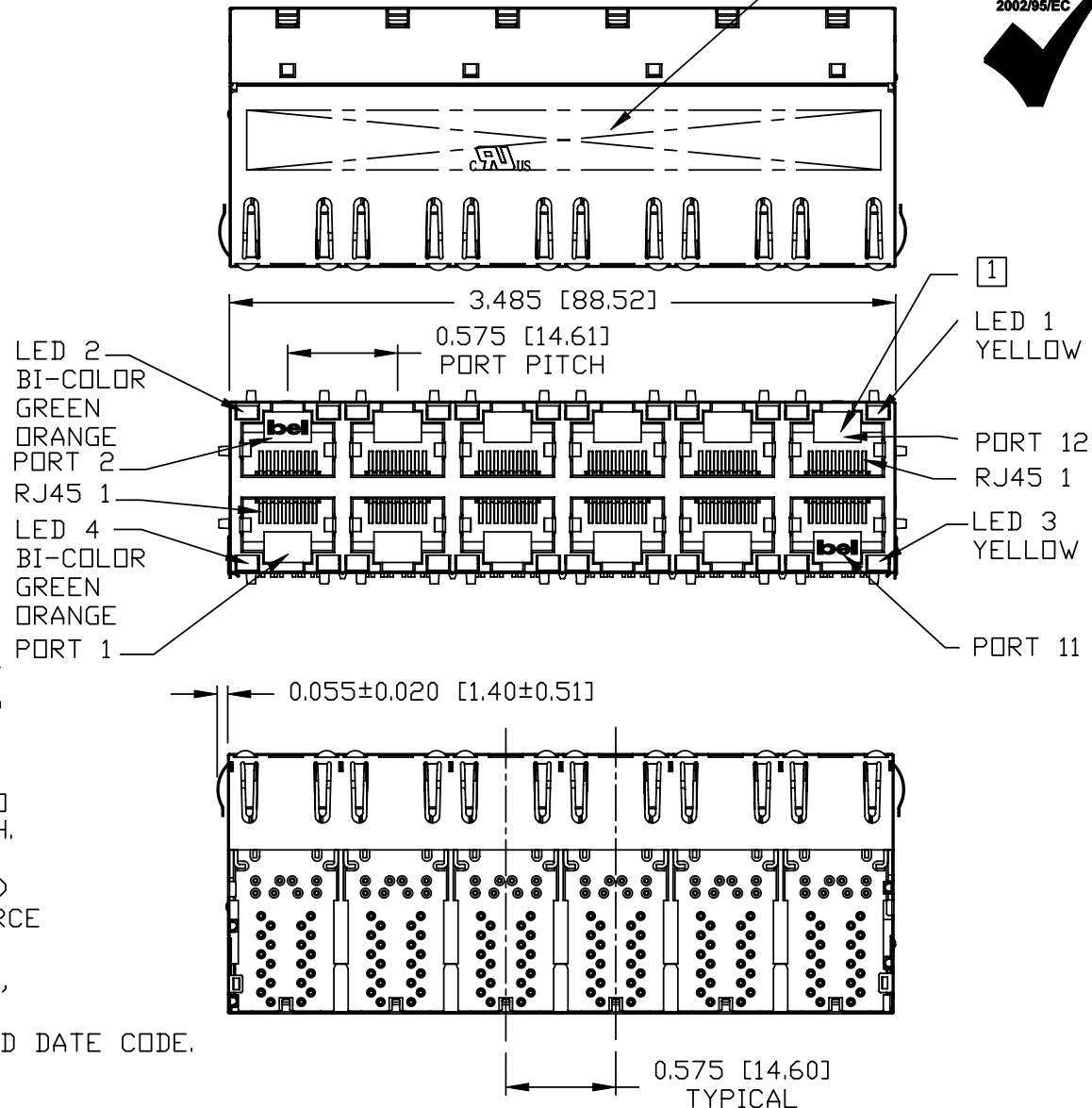


NOTES:

- PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0
- CONTACT PLATING: 30 MICRO-INCH HARD GOLD PLAJOLLY LUD
- 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

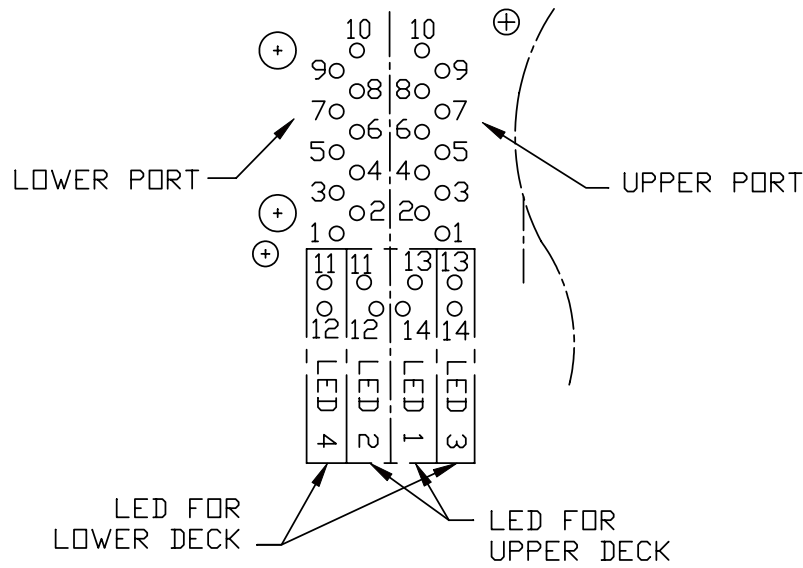
- [1] JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.
- [2] MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, AND DATE CODE.

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

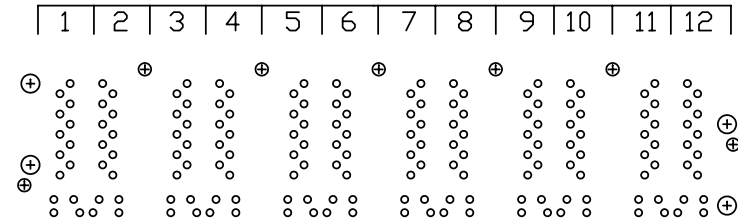


ORIGINATED BY HOWFAR WEI	DATE 01-13-09	TITLE 2X6 gigabit MagJack® COMPRESSOR SERIES (8 Cores)	PART NO. / DRAWING NO. C850-2X6R-54	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		
	DRAWN BY JOLLY LUD			DATE 01-13-09	FILE NAME C850-2X6R-54_B.DWG	.X .XX .XXX	±0.010	

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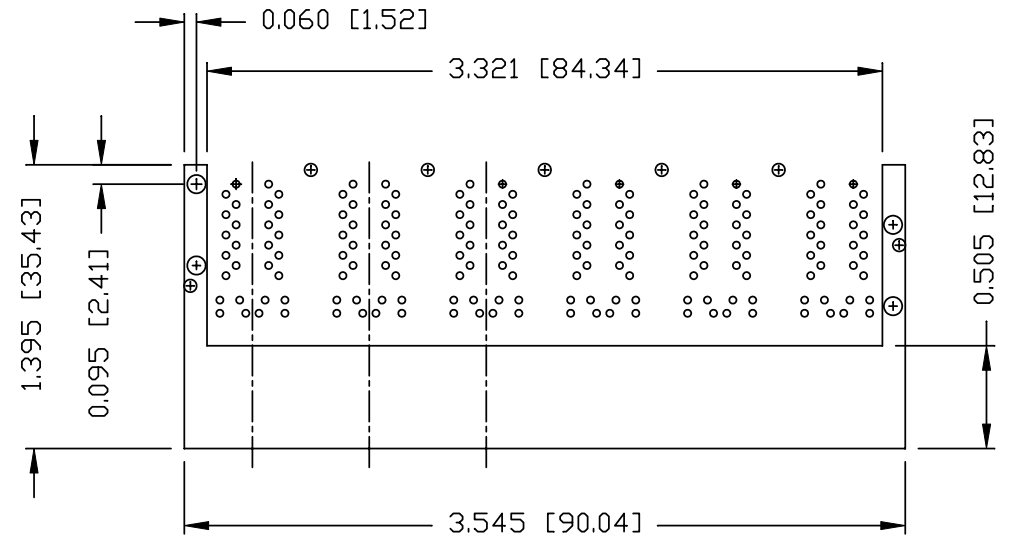


PORT ASSIGNMENT
(COMPONENT SIDE VIEW)



PIN-OUT INFORMATION
(COMPONENT SIDE VIEW)

14	YELLOW (-)
13	YELLOW (+)
12	ORANGE (+)/GREEN (-)
11	ORANGE (-)/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-

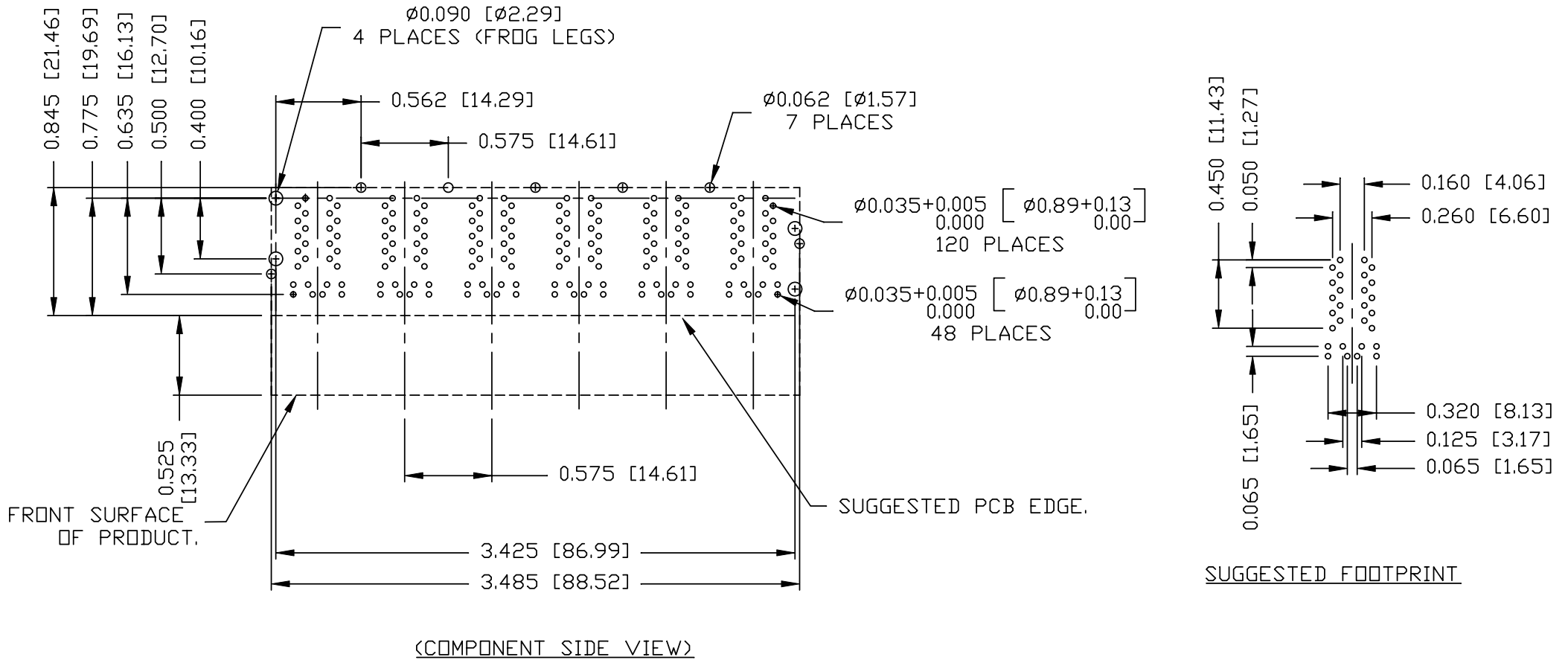


THE SHADED AREA ON THE CUSTOMER BOARD ARE RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR COMPONENT PAD.

ORIGINATED BY HOWFAR WEI	DATE 01-13-09	TITLE 2X6 glgabit MagJack® COMPRESSOR SERIES (8 Cores)	PART NO. / DRAWING NO. C850-2X6R-54	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE						
	DRAWN BY JOLLY LUO		DATE 01-13-09	FILE NAME C850-2X6R-54_B.DWG	<table border="1"> <tr><td>.X</td><td></td></tr> <tr><td>.XX</td><td></td></tr> <tr><td>.XXX</td><td>±0.004</td></tr> </table>		.X		.XX		.XXX
.X											
.XX											
.XXX	±0.004										
					SCALE : N/A	SIZE : A4					
					PAGE : 4						

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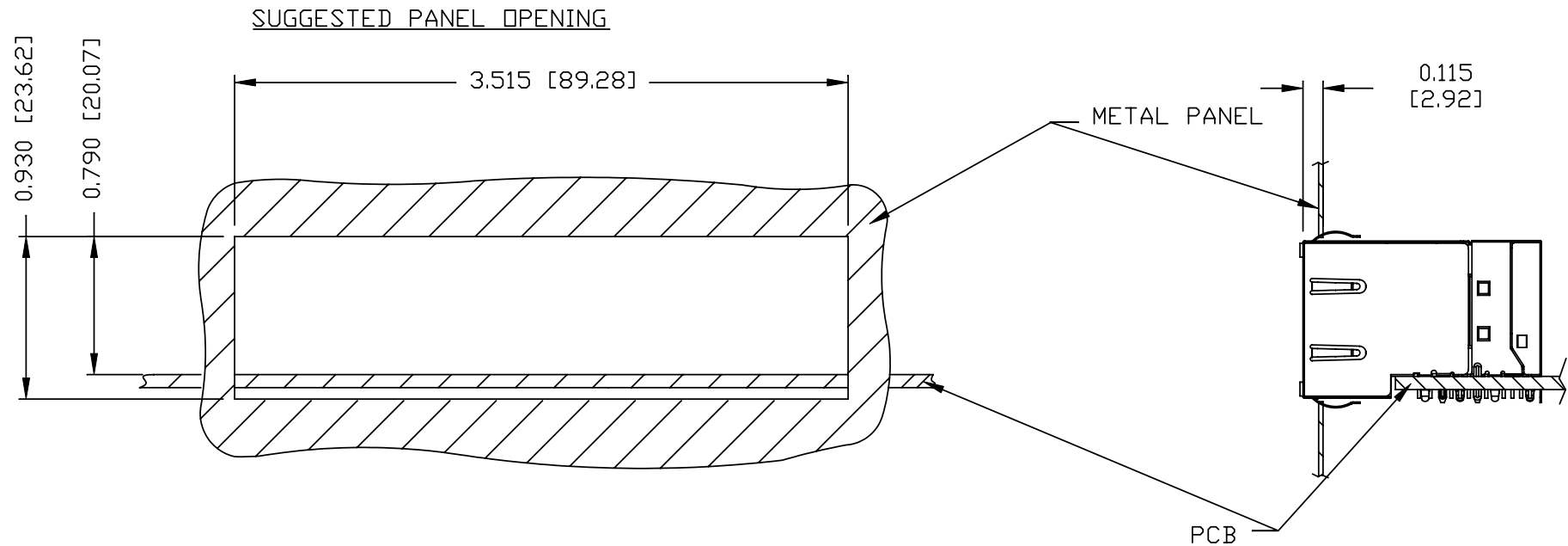
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2002/95/EC



ORIGINATED BY HOWFAR WEI	DATE 01-13-09	TITLE 2X6 gigabit MagJack® COMPRESSOR SERIES (8 Cores)	PART NO. / DRAWING NO. C850-2X6R-54	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
	DRAWN BY JOLLY LUO			DATE 01-13-09	FILE NAME C850-2X6R-54_B.DWG	.X .XX .XXX	±0.004	

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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-H1 (TOP)

0200-9999-H2 (BOTTOM)

PACKING QUANTITY : 18 PCS FINISHED GOODS PER TRAY.

6 TRAYS (108 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	REV. :
HOWFAR WEI	01-13-09	2X6 gigabit MagJack® COMPRESSOR SERIES (8 Cores)	C850-2X6R-54	.X	UNIT : INCH [mm]	B
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A	SIZE : A4
JOLLY LUO	01-13-09		C850-2X6R-54_B.DWG	.XXX	±0.004	PAGE : 6

