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PRELIMINARY

RoHS

ELECTRICAL CHARACTERISTICS @ 25°C

TURNS RATIO

TP1 1CT : 1CT ±2%

TP2 1CT : 1CT ±2%

DCL @ 100kHz/100mVRMS

8mA DC BIAS (0°C - 70°C) 350µH MIN.

INS. LOSS

0.1MHz T□ 1MHz -1.1 dB MAX

1MHz T□ 65MHz -0.5 dB MAX 65MHz TO 100MHz -1.0 dB MAX

RET. LOSS (MIN) @ 1000HMS ±15%

0.5MHz-40MHz-18 dB

40MHz-80MHz $-12+20L\Box G(f/80MHz) dB$

CM TO CM REJ

100kHz - 100MHz -30 dB MIN

CM TO DM REJ

100kHz - 100MHz -35 dB MIN

HIPOT (Isolation Voltage): 1500 Vrms or 2250 VDC

TITLE

100% OF PRODUCT TESTED IN PRODUCTION

TO COMPLY WITH IEEE 802.3 REQUIREMENTS

	<u>SCHEMATIC</u>	
		RJ45
RD+ 9 ←— CT 10 ←— RD- 8 ←—	1CT : 1CT	1 RX+
TD+ 7 ←	1CT : 1CT	3 TX+
1D' /		4
TD- 6 ←		5 6 TX-
NC 3 ←		7
NC 2 ←		8
	4X 75 DHMS	
	1000pF 2kV	
	SHIELD 7777	

ORIGINATED BY	DATE
CHUNG	05-30-05
DRAWN BY	DATE

2X3 gigabit MagJack® (compressor series)

PART NO. / DRAWING NO. C851-2X3R-M9 X. FILE NAME .XX C8512X3RM9PA.DWG .XXX

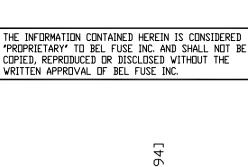
[] METRIC DIM. AS REFERENCE STANDARD DIM. TOL. IN INCH

UNIT : INCH [mm] REV. : PA N/A SIZE: A4 SCALE:

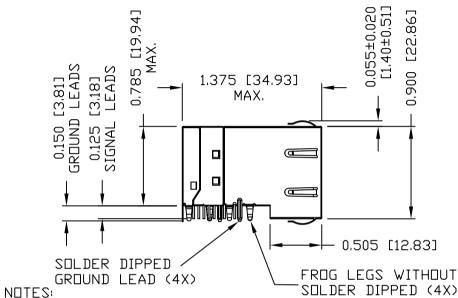
PAGE: 2

COMPONENTS FOR A CONNECTED PLANET

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PRELIMINARY



PLASTIC HOUSING:

THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0

CONTACT PLATING:

50 MICRO-INCH HARD GOLD PLATING

DUTPUT PINS: TIN-CDATED COPPER WIRE, DIA 0.018 INCH.

METAL SHIELD: NICKEL PLATED 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.

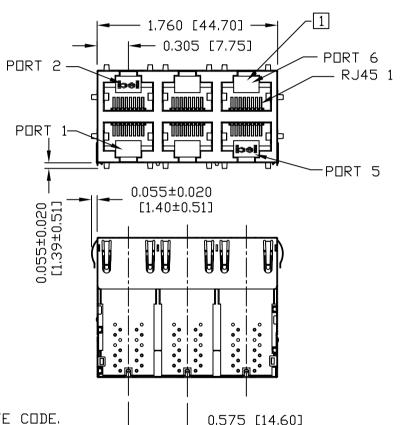
[2] MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, AND DATE CODE.

c **%**us ul recognized - file #e196366 and e169987.

ROHS COMPLAINCE, PER EU DIRECTIVE 2002/95/EC.

ORIGINATED BY ANTON/BILL	DATE 08-18-05	TITLE 2X3 gigabit MagJack®	PART NO. / DRAWING NO. C851-2X3R-M9	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENC UNIT: INCH [mm] REV.: PA
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SARAH	08-18-05	(compressor series)	C8512X3RM9PA.DWG	.XXX ±0.010	PAGE: 3





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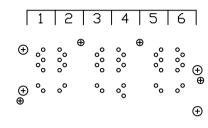
-[2]

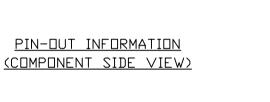


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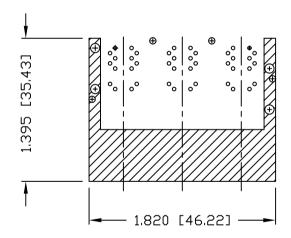


10	CT
9	RD+
8	RD-
7	TD+
6	TD-
5	NO PIN
4	NO PIN
3	NC NC
2	NC
1	NO PIN

TITLE

70 06 60 07

30 02 20 03



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

ORIGINATED BY	DATE
ANT□N/BILL	08-18-05
DRAWN BY	DATE

2X3 gigabit MagJack® (compressor series)

PART NO. / DRAWING NO. C851-2X3R-M9 FILE NAME C8512X3RM9PA.DWG

STANDARD DIM. TOL. IN INCH X. .XX

±0.010

.XXX

[] METRIC DIM. AS REFERENCE UNIT : INCH [mm] REV. : PA

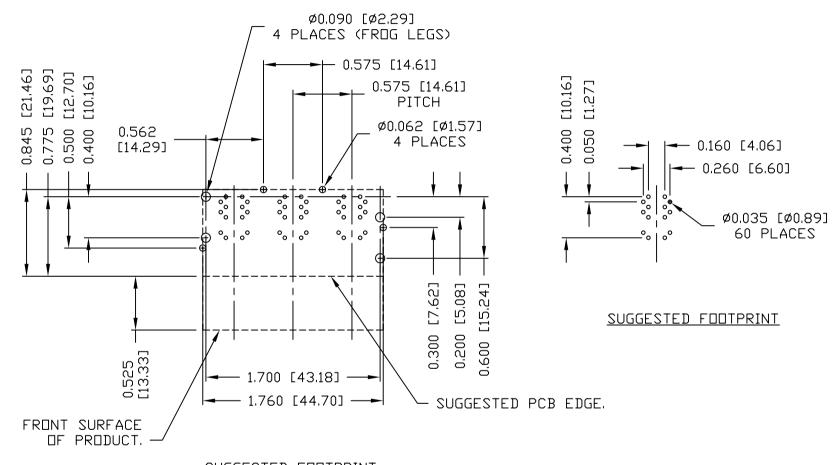
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COMPONENTS FOR A COMMECTED PLANET

PRELIMINARY





(COMPONENT SIDE VIEW)	<u> 2000E21ED</u>	<u> </u>	<u>PRINI</u>
	(COMPONENT	SIDE	VIEW)

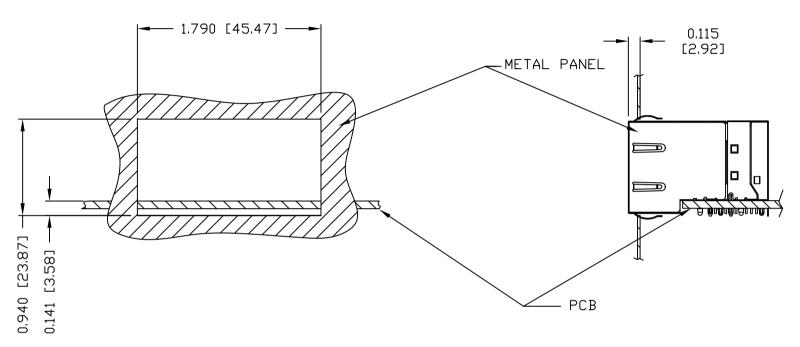
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SUGGESTED PANEL OPENING



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 PCS FINISHED GOODS PER TRAY.

6 TRAYS (180 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.	[] METRIC DIM. AS REFEREN	CE
ANTON/BILL	08-18-05	2X3 gigabit MagJack®	C851-2X3R-M9	TOL. IN INCH	UNIT : INCH [mm] REV. : F	γ _A
DRAWN BY	DATE	(compressor series)	FILE NAME	.X .XX	SCALE: N/A SIZE:	A4
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