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RoHS
2002/95/EC



PRELIMINARY

SCHMATIC

RJ45

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TP1 1CT : 1CT ±2%

TP2 1CT : 1CT ±2%

□CL @ 100kHz/100mVRMS

8mA DC BIAS (0°C - 70°C) 350µH MIN.

INS. LOSS

0.1MHz TO 1MHz -1.1 dB MAX

1MHz TO 65MHz -0.5 dB MAX

65MHz TO 100MHz -1.0 dB MAX

RET. LOSS (MIN) @ 100DHMS ±15%

0.5MHz-40MHz -18 dB

40MHz-80MHz -12+20LOG(f/80MHz) dB

CM TO CM REJ

100kHz - 100MHz -30 dB MIN

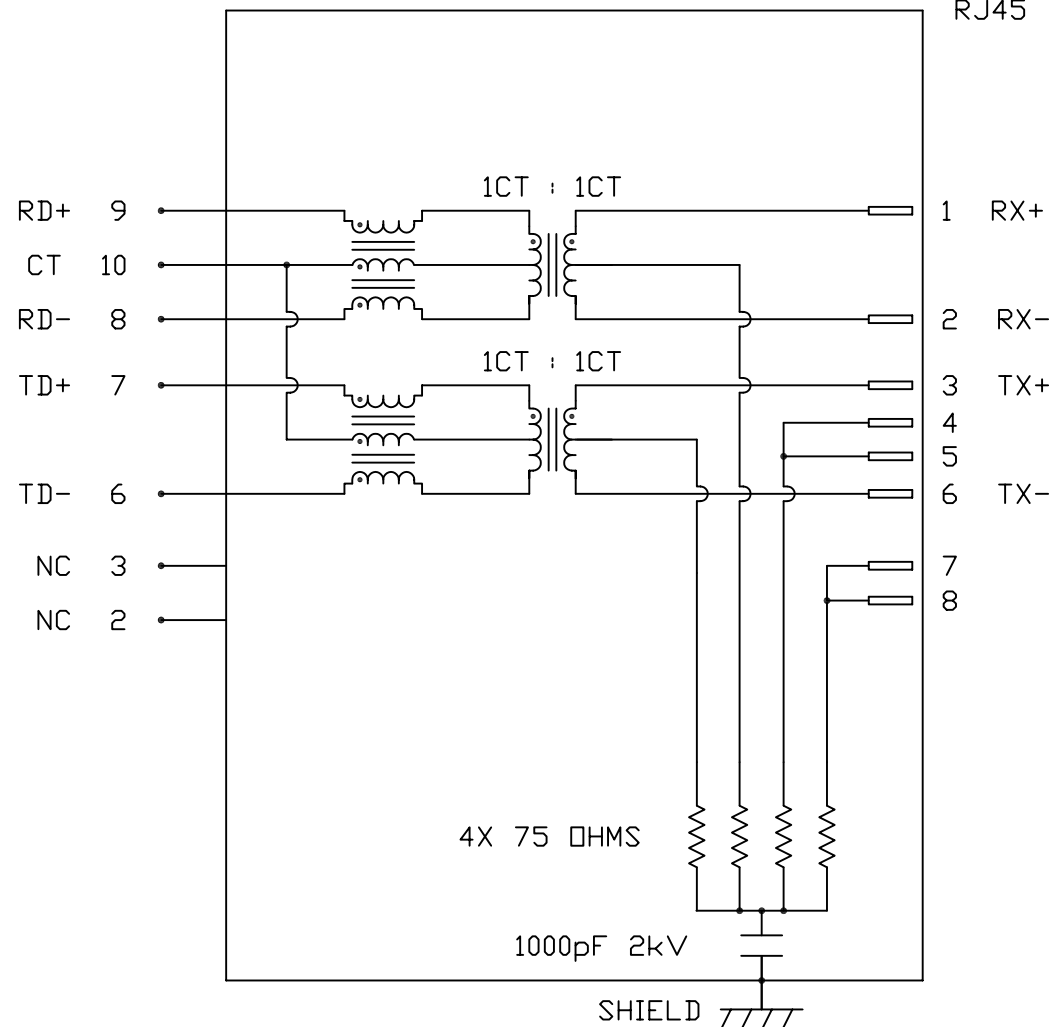
CM TO DM REJ

100kHz - 100MHz -35 dB MIN

HIPOT (Isolation Voltage): 1500 Vrms or 2250 VDC

100% OF PRODUCT TESTED IN PRODUCTION

TO COMPLY WITH IEEE 802.3 REQUIREMENTS



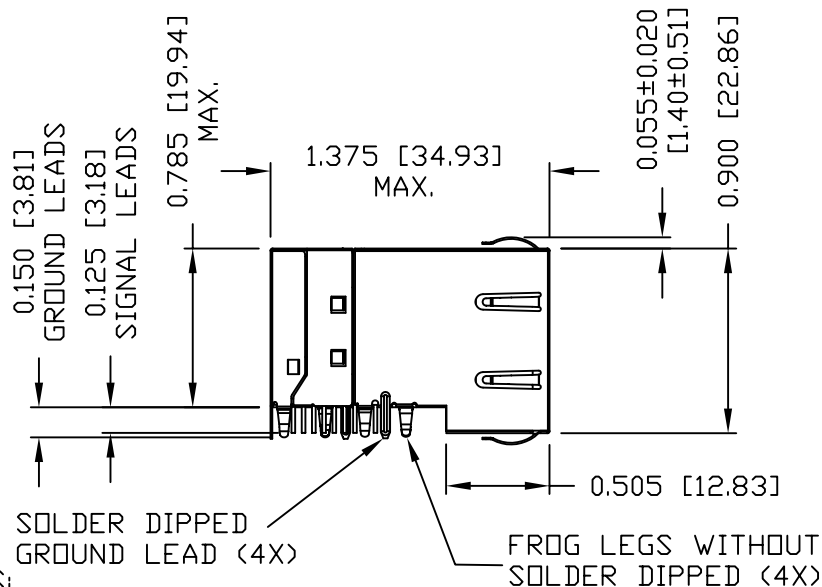
ORIGINATED BY CHUNG	DATE 05-30-05	TITLE 2X3 gigabit MagJack® (compressor series)	PART NO. / DRAWING NO. C851-2X3R-M9		STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE	
			FILE NAME C8512X3RM9PA.DWG		.X		UNIT : INCH [mm]	REV. : PA
DRAWN BY DE	DATE 05-30-05				.XX		SCALE : N/A	SIZE : A4
					.XXX			PAGE : 2



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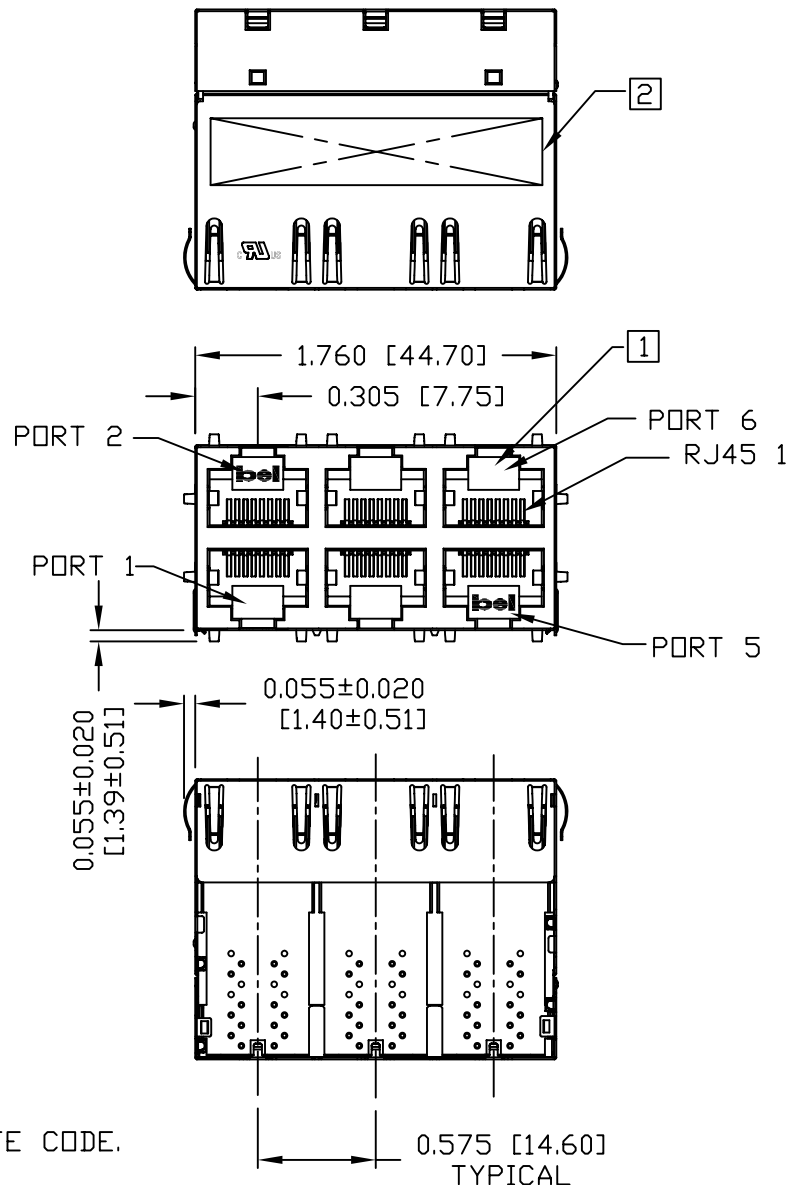


NOTES:

- 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.
- 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.

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

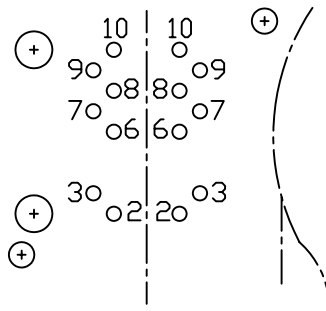


ORIGINATED BY ANTON/BILL	DATE 08-18-05	TITLE 2X3 gigabit MagJack® (compressor series)	PART NO. / DRAWING NO. C851-2X3R-M9	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
	DRAWN BY SARAH		DATE 08-18-05	FILE NAME C8512X3RM9PA.DWG	.X .XX .XXX ±0.010



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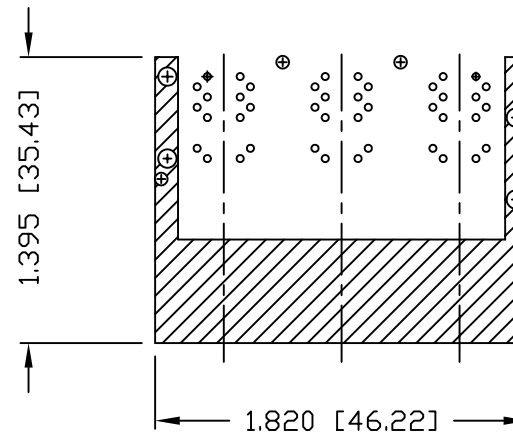
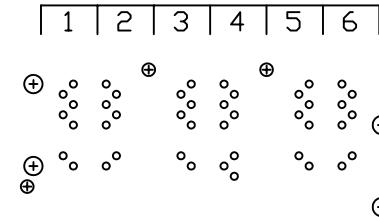
PRELIMINARY



PIN-OUT INFORMATION
(COMPONENT SIDE VIEW)

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

PORT ASSIGNMENT
(COMPONENT SIDE VIEW)



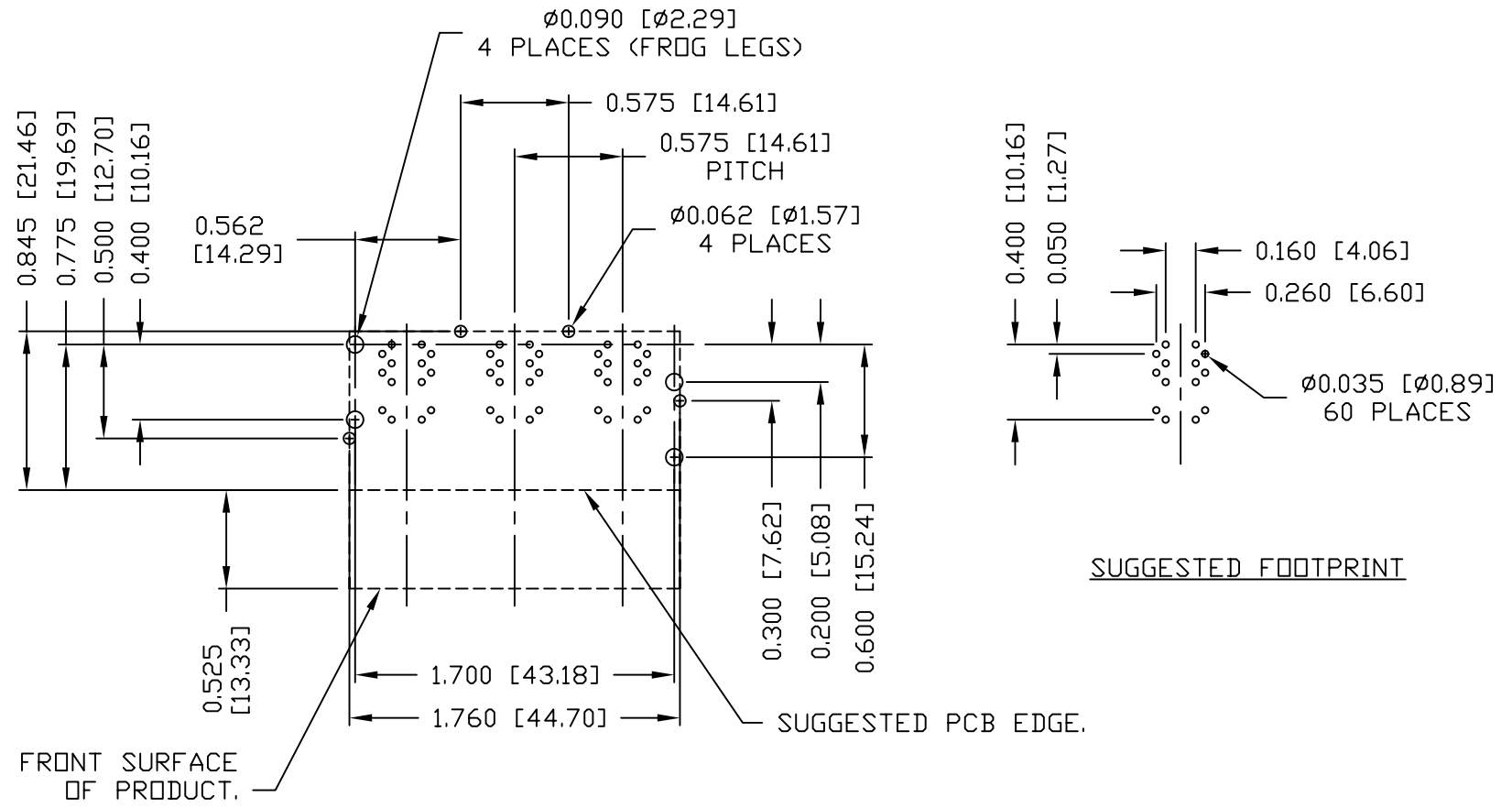
THE SHADED AREA ON THE CUSTOMER BOARD ARE RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR COMPONENT PAD.

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SUGGESTED FOOTPRINT
(COMPONENT SIDE VIEW)

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DRAWN BY SARAH	DATE 08-18-05				SCALE : N/A	SIZE : A4
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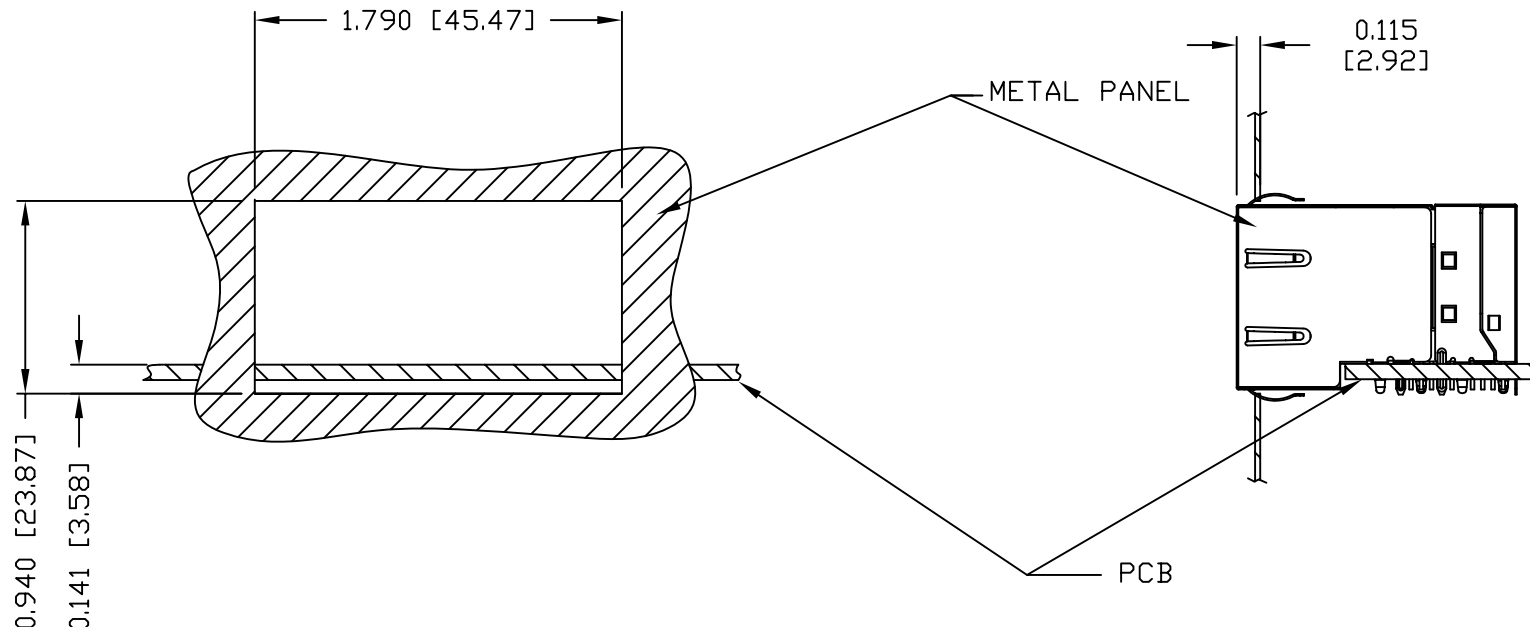


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SUGGESTED PANEL OPENING



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)

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				±0.004		

