

ELECTRICAL CHARACTERISTICS @ 25°C

TURNS RATIO

TX	1CT : 1
RX	1CT : 1

QCL @ 100kHz/100mVRMS

8mA DC BIAS	350 μ H MIN.
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INS. LOSS

1MHz TO 100MHz	-1.0 dB MAX
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RET. LOSS (MIN)

1MHz-30MHz	-18 dB
30MHz-60MHz	-18+20LOG(F/30MHz) dB
60MHz-80MHz	-12 dB

CROSS TALK (TX - RX)

500kHz - 100 MHz	-35 dB MIN
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CM TO CM REJ

100kHz - 100 MHz	-30 dB MIN
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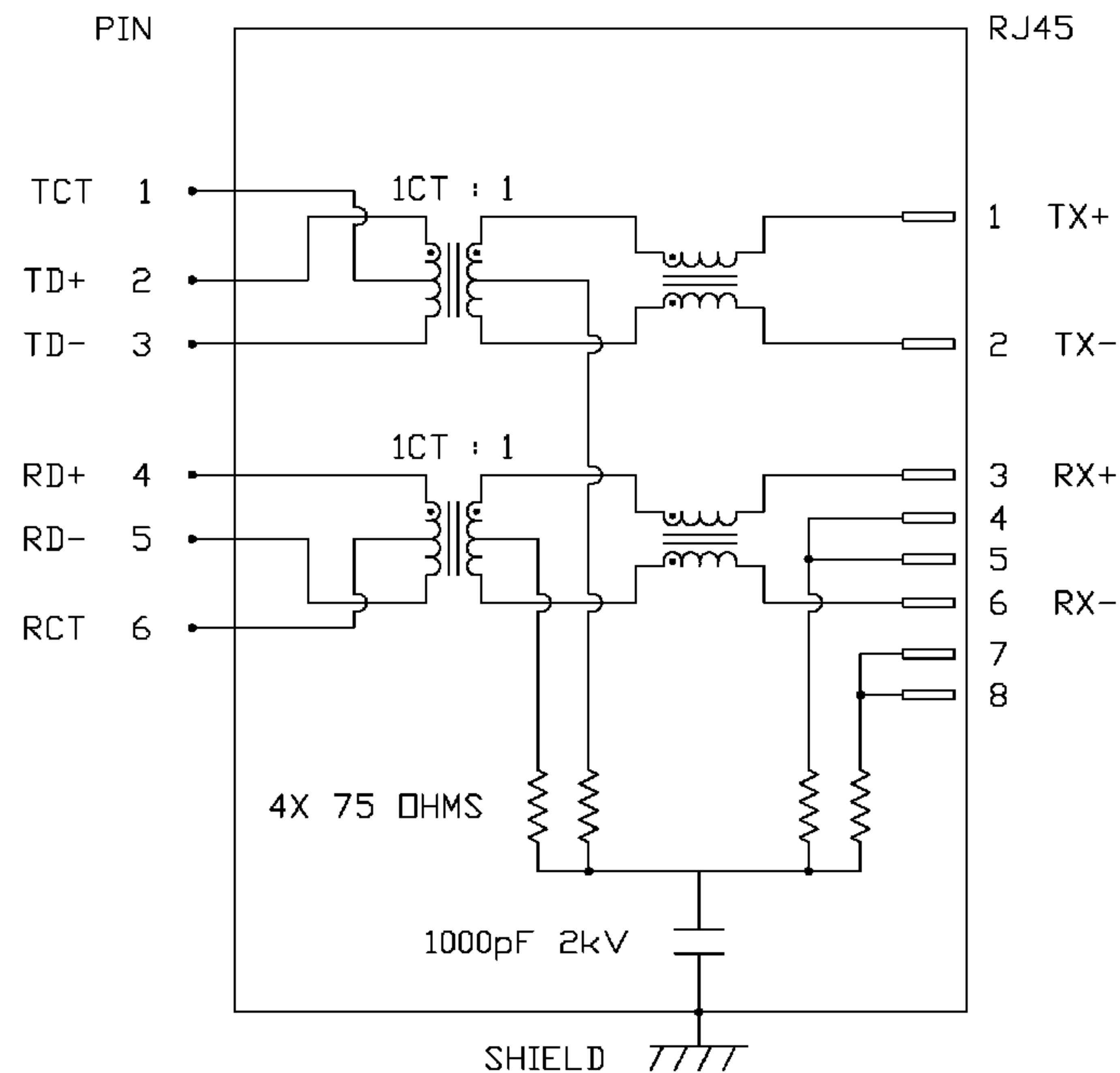
CM TO DM REJ

100kHz - 100 MHz	-35 dB MIN
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HIPOT (Isolation Voltage):

1500 Vrms or 2250VDC

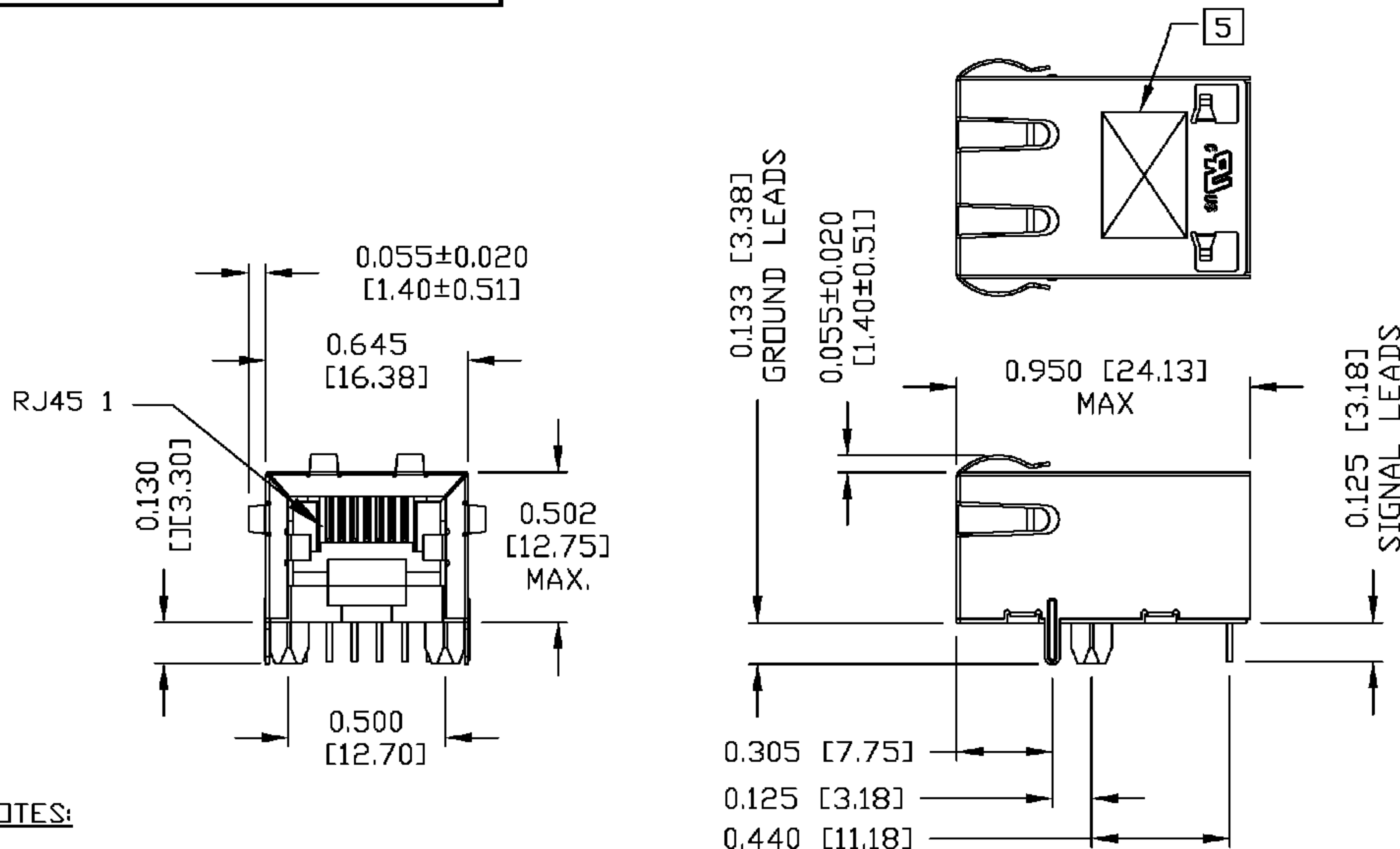
SCHEMATIC



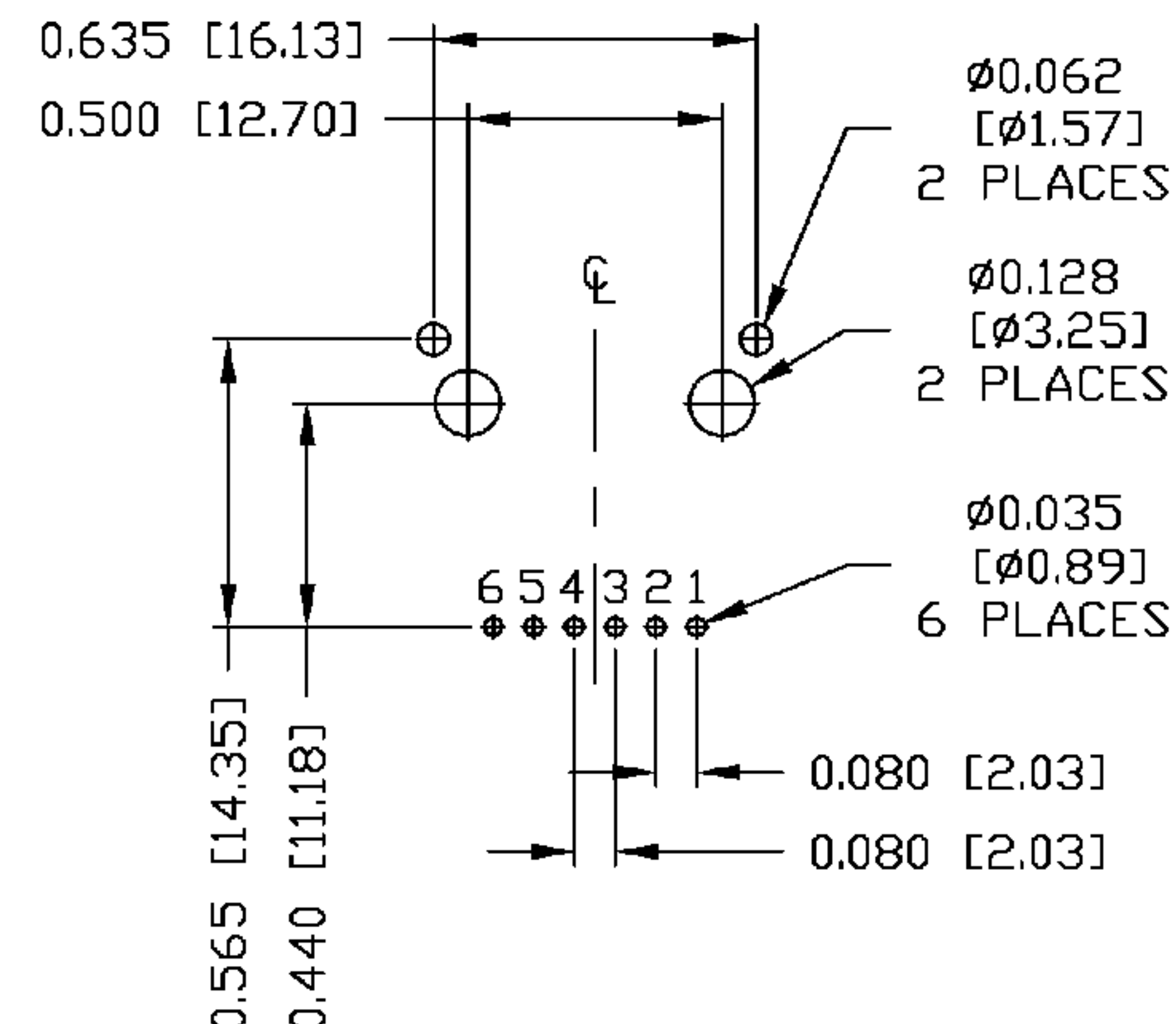
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE	 bel COMPONENTS ON A CONNECTED PLANET
CHUNG	05-18-06	LOW PROFILE MagJack® L811-1X1T-06-F	L8111X1T06-F	TOL. IN INCH	UNIT : INCH [mm]	
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	
DE	05-18-06		L8111X1T06-FB.DWG	.XX	SIZE : A4	
				.XXX	PAGE : 2	



MECHANICAL SPECIFICATION



RECOMMENDED PCB FOOTPRINT COMPONENT SIDE VIEW

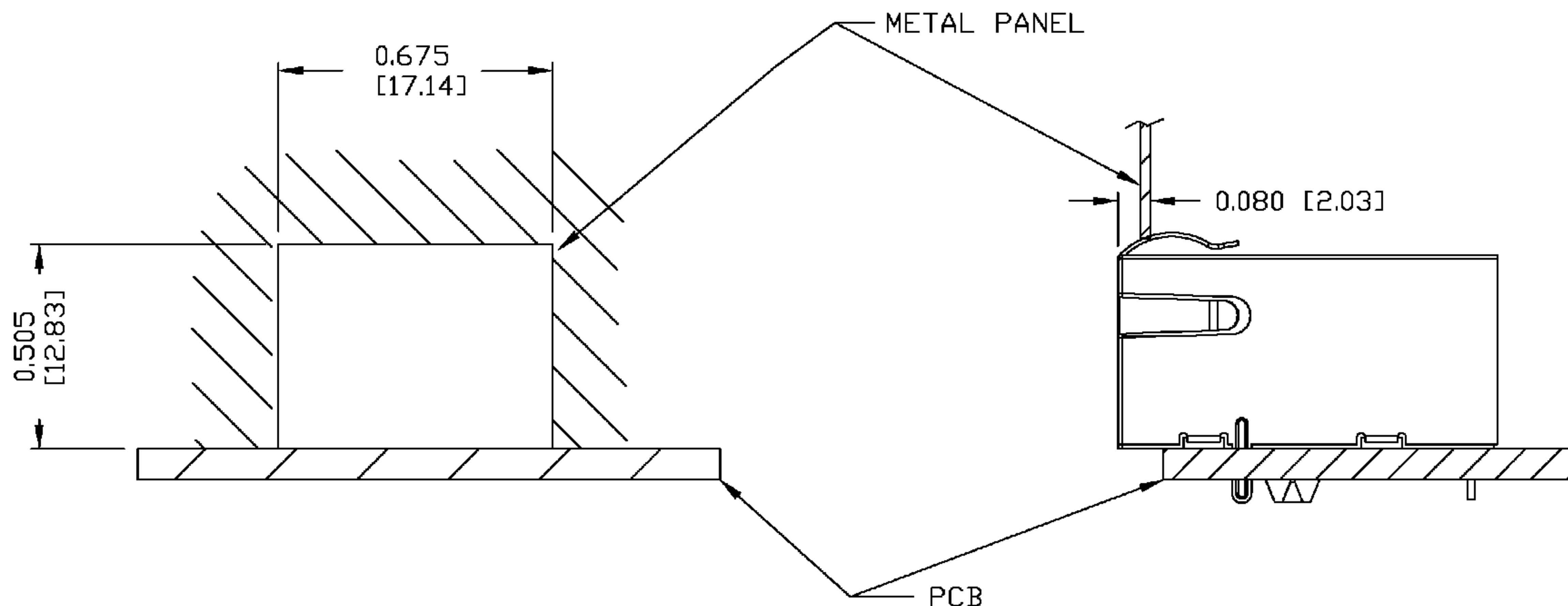


NOTES:

1. PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0
2. CONTACTS PLATING: 50 MICRO-INCH HARD GOLD PLATING
3. PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
4. METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)
5. MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, AND DATE CODE.
UL RECOGNIZED - FILE #E196366 AND E169987.
RoHS COMPLIANT, PER EU DIRECTIVE 2002/95/EC
6. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

ORIGINATED BY BANG/BILL	DATE 05-18-06	TITLE LOW PROFILE MagJack® L811-1X1T-06-F	PART NO. / DRAWING NO. L8111X1T06-F FILE NAME L8111X1T06-FB.DWG	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
				.X		UNIT : INCH [mm]	REV. : B	
DRAWN BY LING	DATE 05-18-06			.XX		SCALE : N/A	SIZE : A4	
				.XXX	±0.010		PAGE : 3	

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.

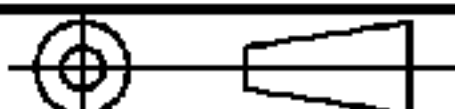
PACKING INFORMATION

PACKING TRAY : 0200-0148-06

PACKING QUANTITY : 70 PCS FINISHED GOODS PER TRAY

12 TRAYS (840 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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				.X		UNIT : INCH [mm]	REV. : B	
DRAWN BY LING	DATE 05-18-06		FILE NAME L8111X1T06-FB.DWG	.XX		SCALE : N/A	SIZE : A4	
				.XXX	±0.004		PAGE : 4	