



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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RoHS
2002/95/EC



ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TX 1CT : 1
RX 1CT : 1

CL @ 100kHz/100mVRMS

8mA DC BIAS 350µH MIN.

INS. LOSS

1MHz TO 100MHz -1.0 dB MAX

RET. LOSS (MIN)

1MHz-30MHz -18 dB
30MHz-60MHz $-18+20\text{LOG}(F/30\text{MHz})$ dB
60MHz-80MHz -12 dB

CROSS TALK (TX - RX)

500kHz - 100 MHz -35 dB MIN

CM TO CM REJ

100kHz - 100 MHz -30 dB MIN

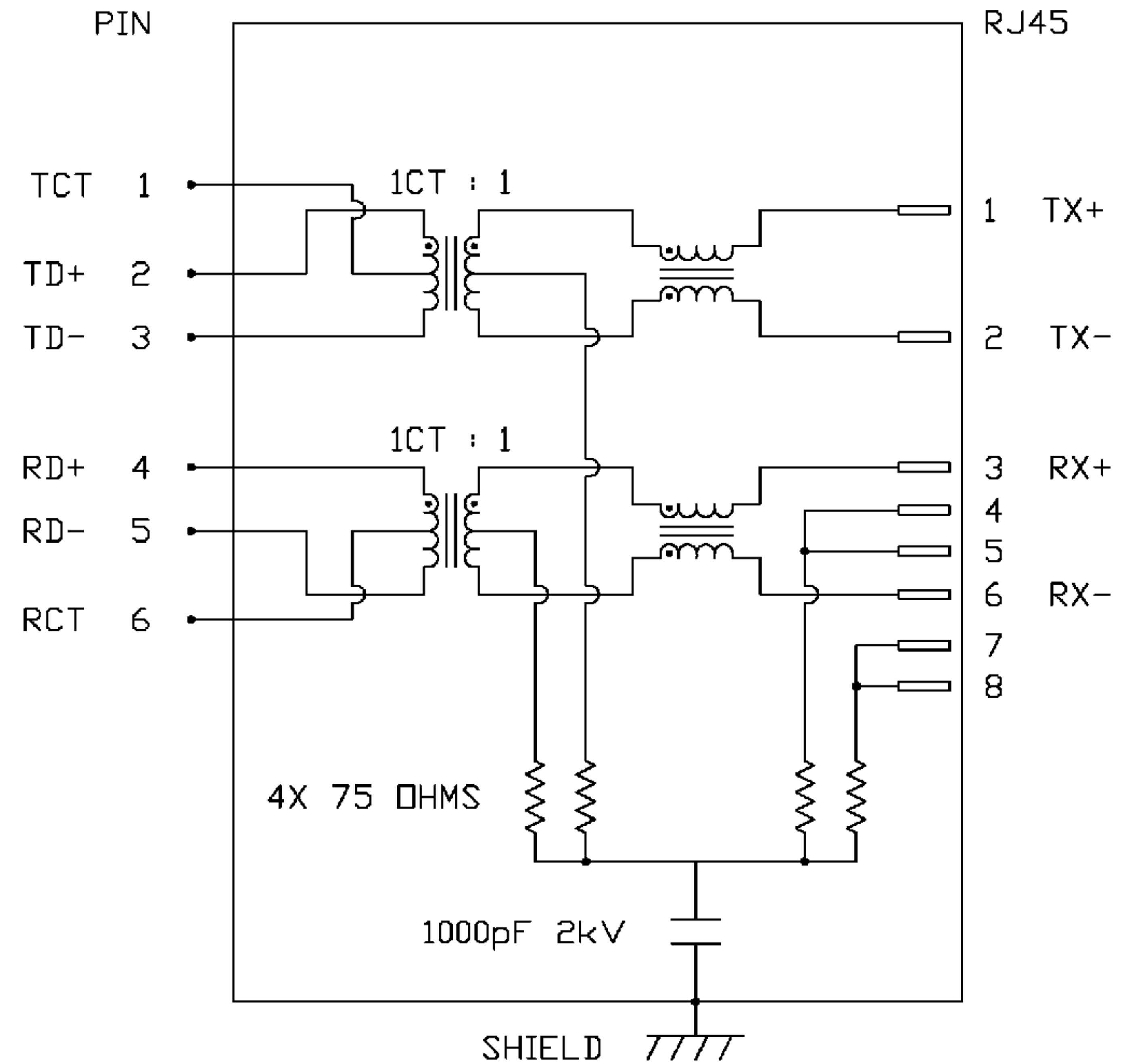
CM TO DM REJ

100kHz - 100 MHz -35 dB MIN

HIPOT (Isolation Voltage):

1500 Vrms or 2250VDC

SCHEMATIC



ORIGINATED BY CHUNG
DATE 05-18-06

TITLE LOW PROFILE MagJack®
L811-1X1T-06-F

PART NO. / DRAWING NO. L811X1T06-F
FILE NAME L811X1T06-FB.DWG

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

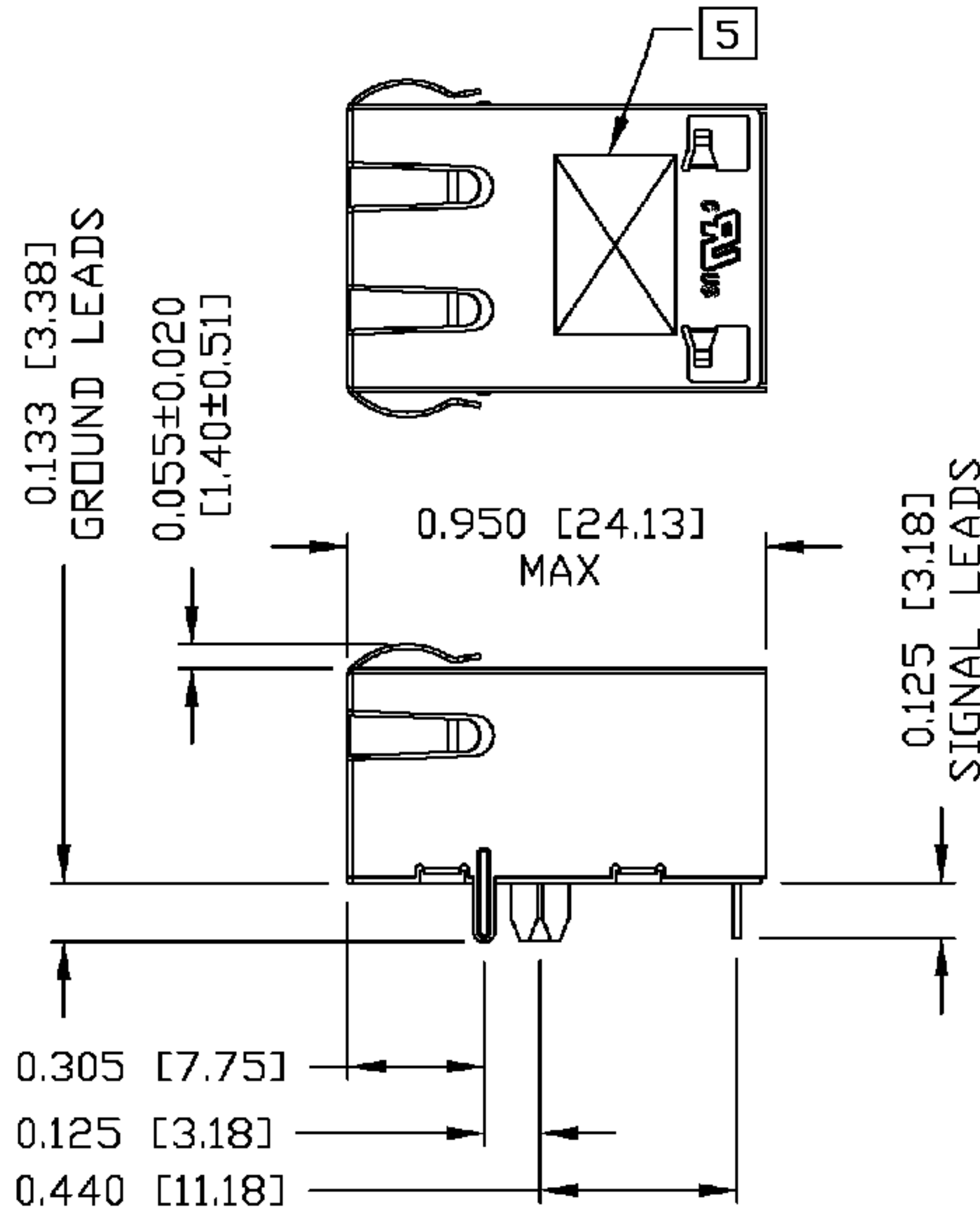
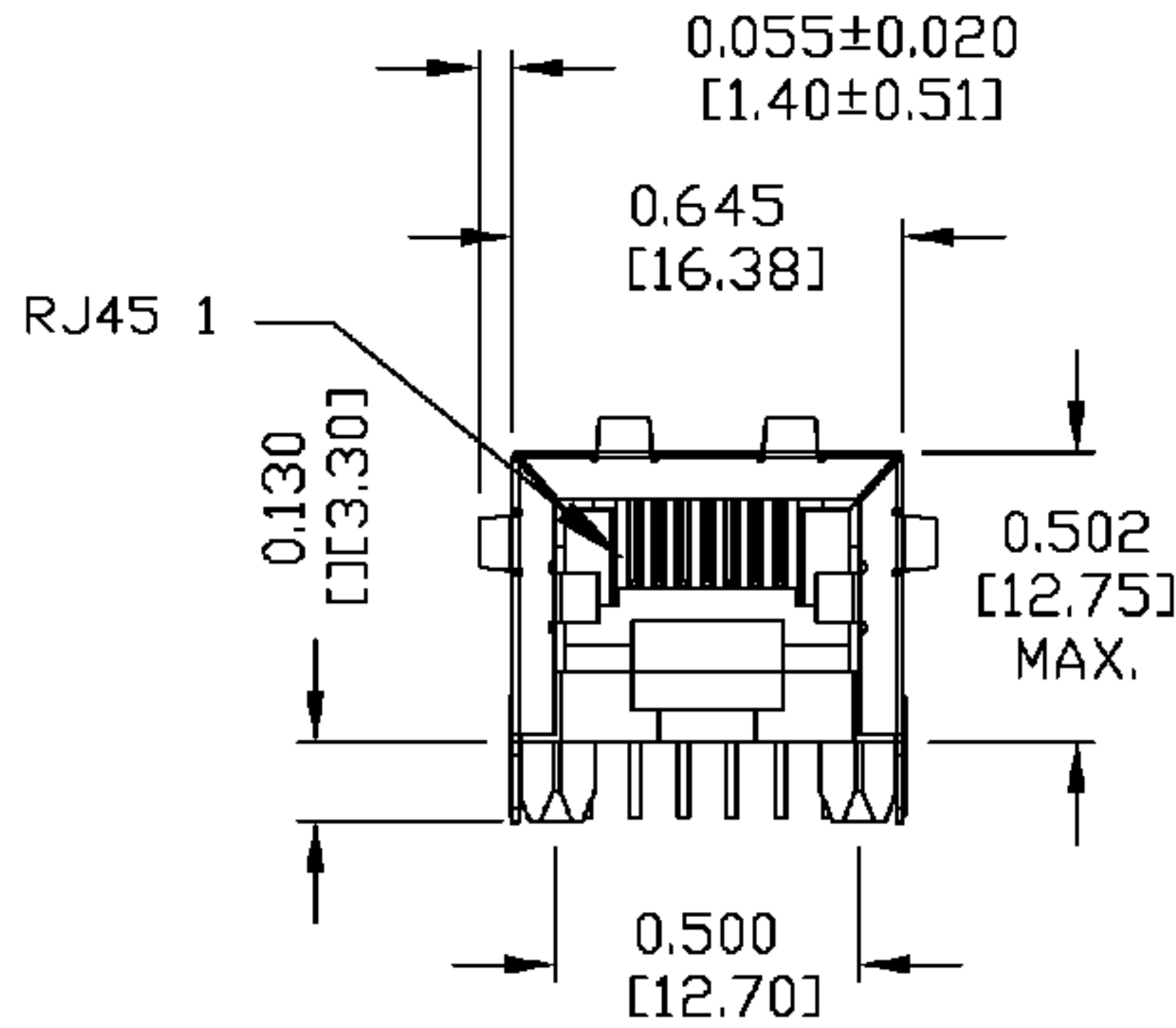
[] METRIC DIM. AS REFERENCE
UNIT : INCH [mm]
SCALE : N/A
REV. : B
SIZE : A4
PAGE : 2



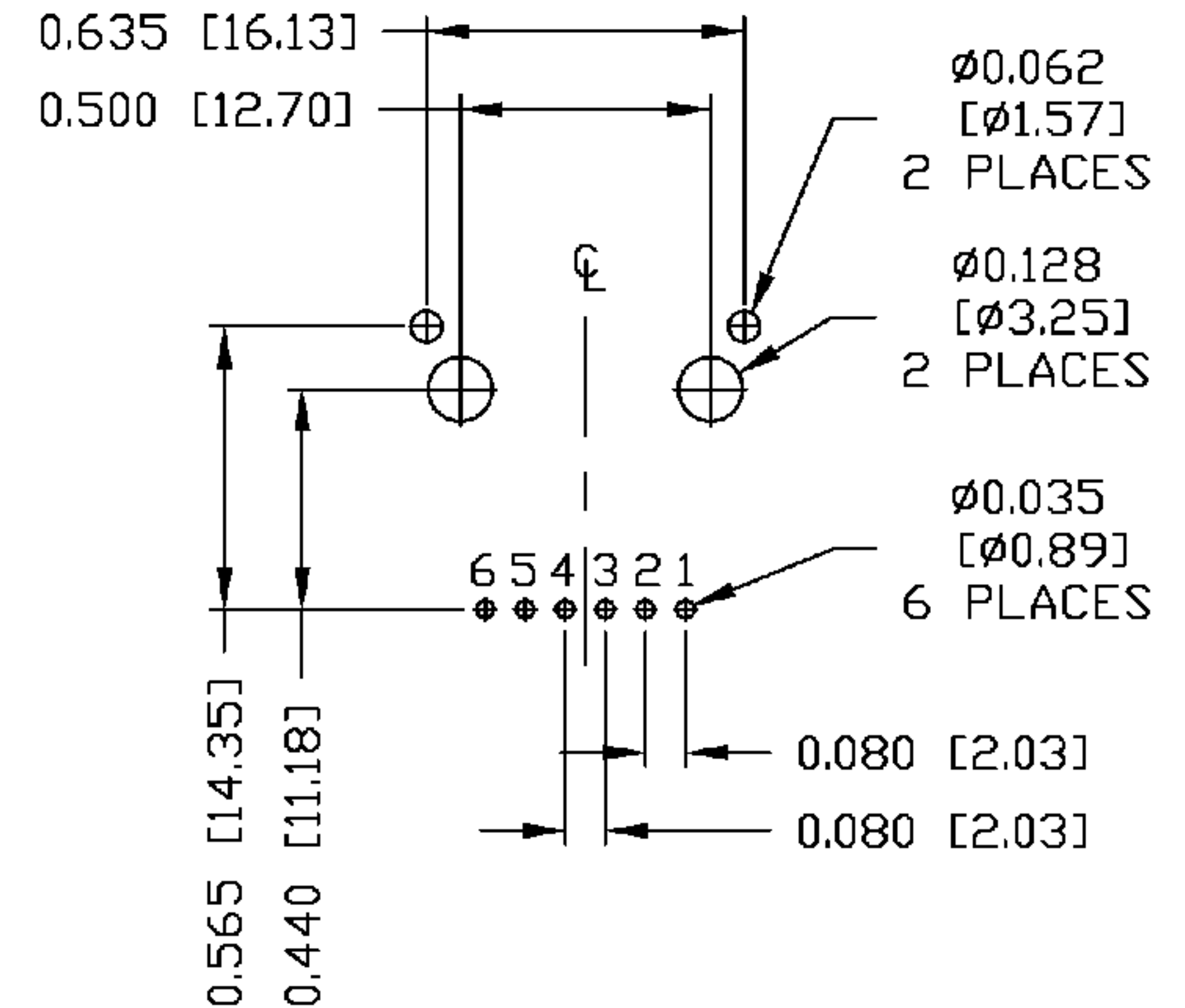
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MECHANICAL SPECIFICATION



RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW



NOTES:

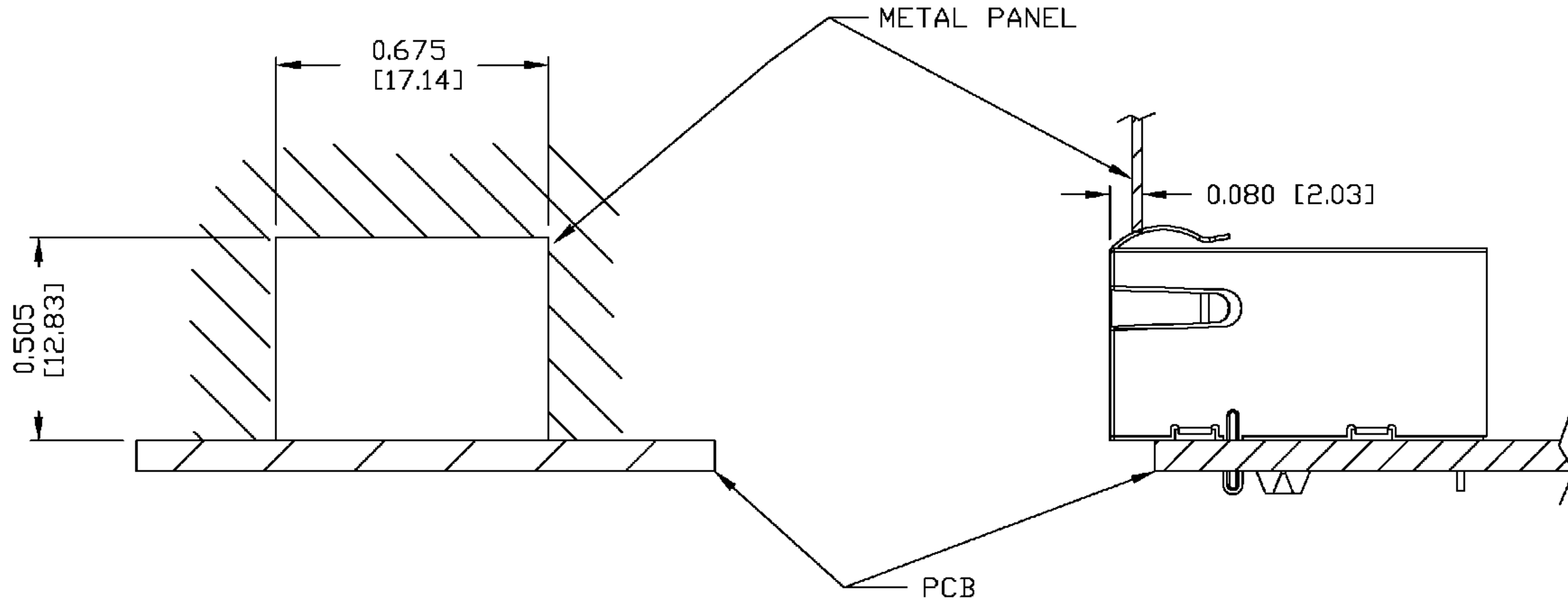
1. PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0
2. CONTACTS PLATING: 50 MICRO-INCH HARD GOLD PLATING
3. PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
4. METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)
5. MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, 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®	PART NO. / DRAWING NO. L8111X1T06-F	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	<p>COMPONENTS FOR A CONNECTED PLANET</p>
DRAWN BY LING	DATE 05-18-06	L811-1X1T-06-F	FILE NAME L8111X1T06-FB.DWG	.X	UNIT : INCH [mm]	
				.XX	SCALE : N/A	
				.XXX ±0.010	REV. : B SIZE : A4 PAGE : 3	

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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 : 0200-0148-06

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)

ORIGINATED BY BANG/BILL	DATE 05-18-06	TITLE LOW PROFILE MagJack® L811-1X1T-06-F	PART NO. / DRAWING NO. L8111X1T06-F	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
	DRAWN BY LING		DATE 05-18-06	FILE NAME L8111X1T06-FB.DWG	.X	UNIT : INCH [mm]	
				.XX	SCALE : N/A	SIZE : A4	
				.XXX ±0.004		PAGE : 4	