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RoHS
2002/95/EC



SCHEMATIC

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TX 1CT : 1
RX 1CT : 1

□CL @ 100kHz/100mVRMS 350μH MIN.
8mA DC BIAS

INS. LOSS -1.0 dB MAX
1MHz TO 100MHz

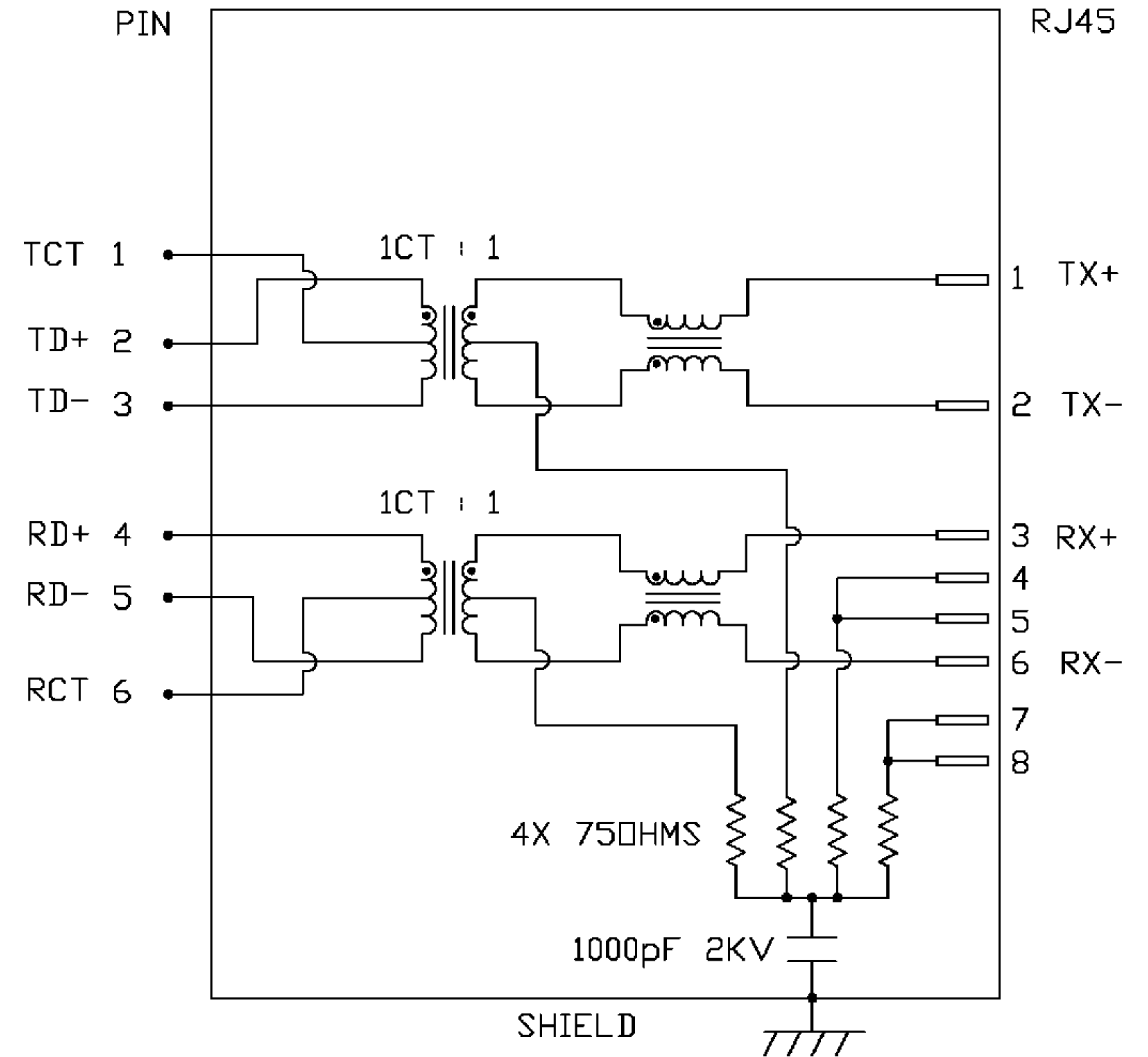
RET. LOSS (MIN)
1MHz-30MHz -18 dB
30MHz-60MHz -18+20LOG(F/30MHz) dB
60MHz-80MHz -12 dB

CROSS TALK (TX - RX) -35 dB MIN
500kHz-100MHz

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

CM TO DM REJ -40 dB MIN
100kHz-100MHz

HIPOT (Isolation Voltage): 1500 Vrms



ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
CHUNG	10-07-05	MagJack®	08B01V1T36-F	.X	UNIT : INCH [mm] REV. : A
DRAWN BY	DATE	(4 Cores, MDIX, CM Termination)	FILE NAME	.XX	SCALE : N/A SIZE : A4
DE	10-07-05	08B0-1V1T-36-F	08B01V1T36-FA.DWG	.XXX	PAGE : 2

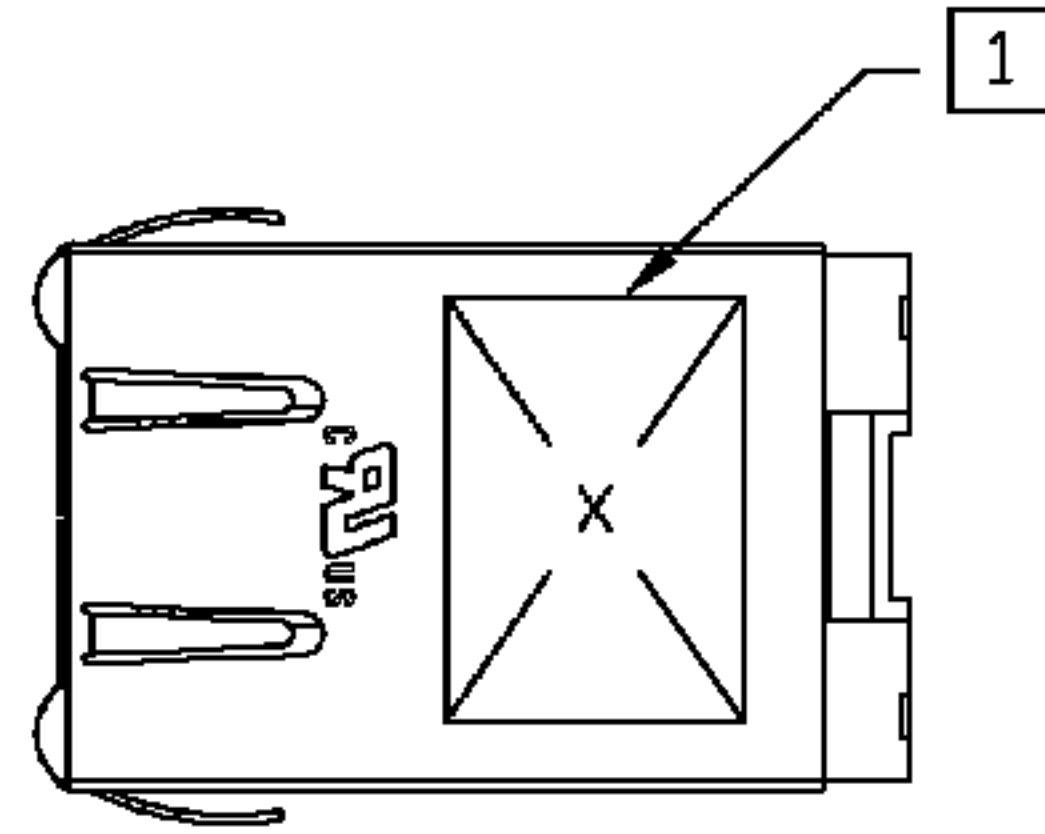


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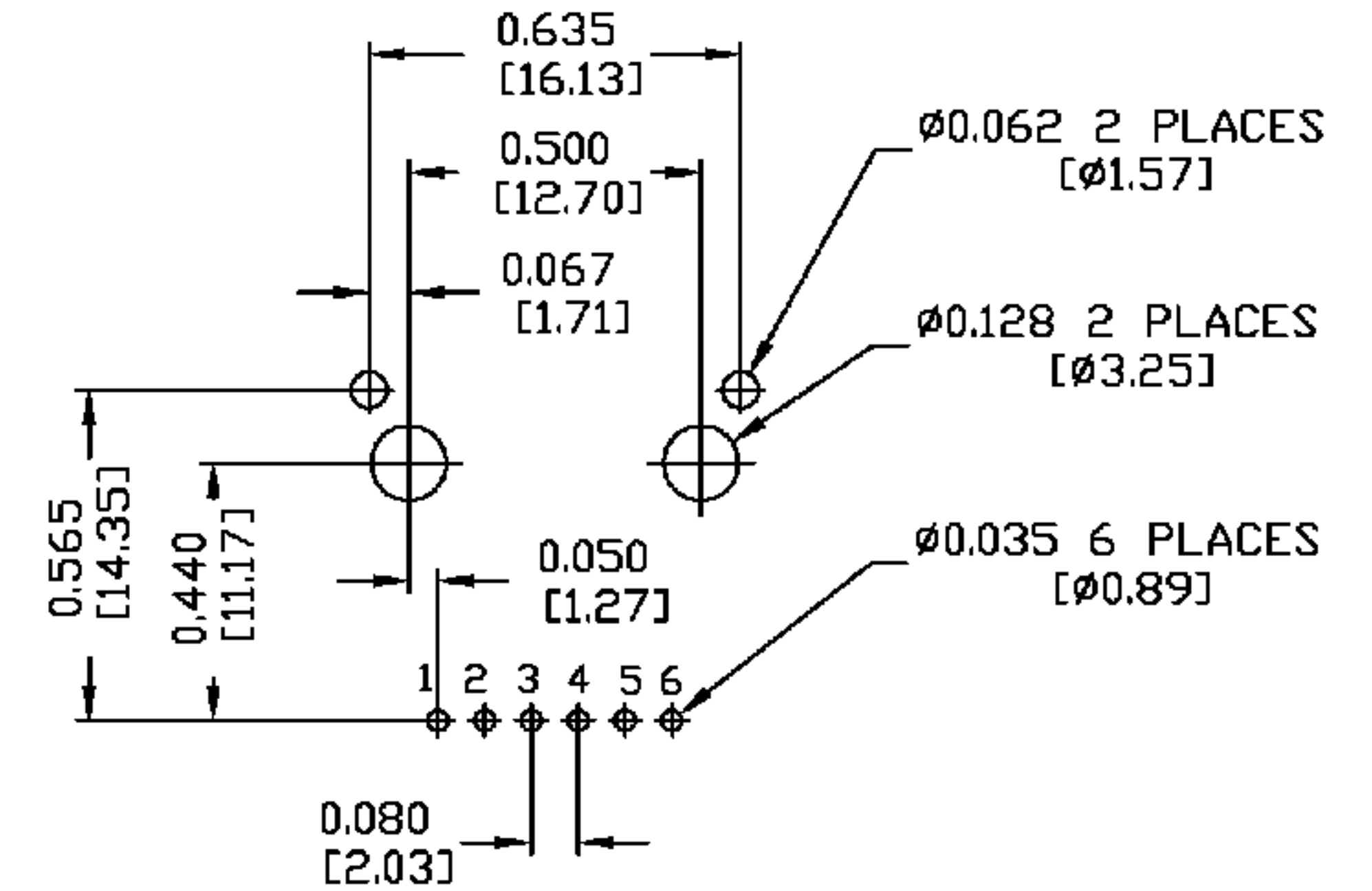
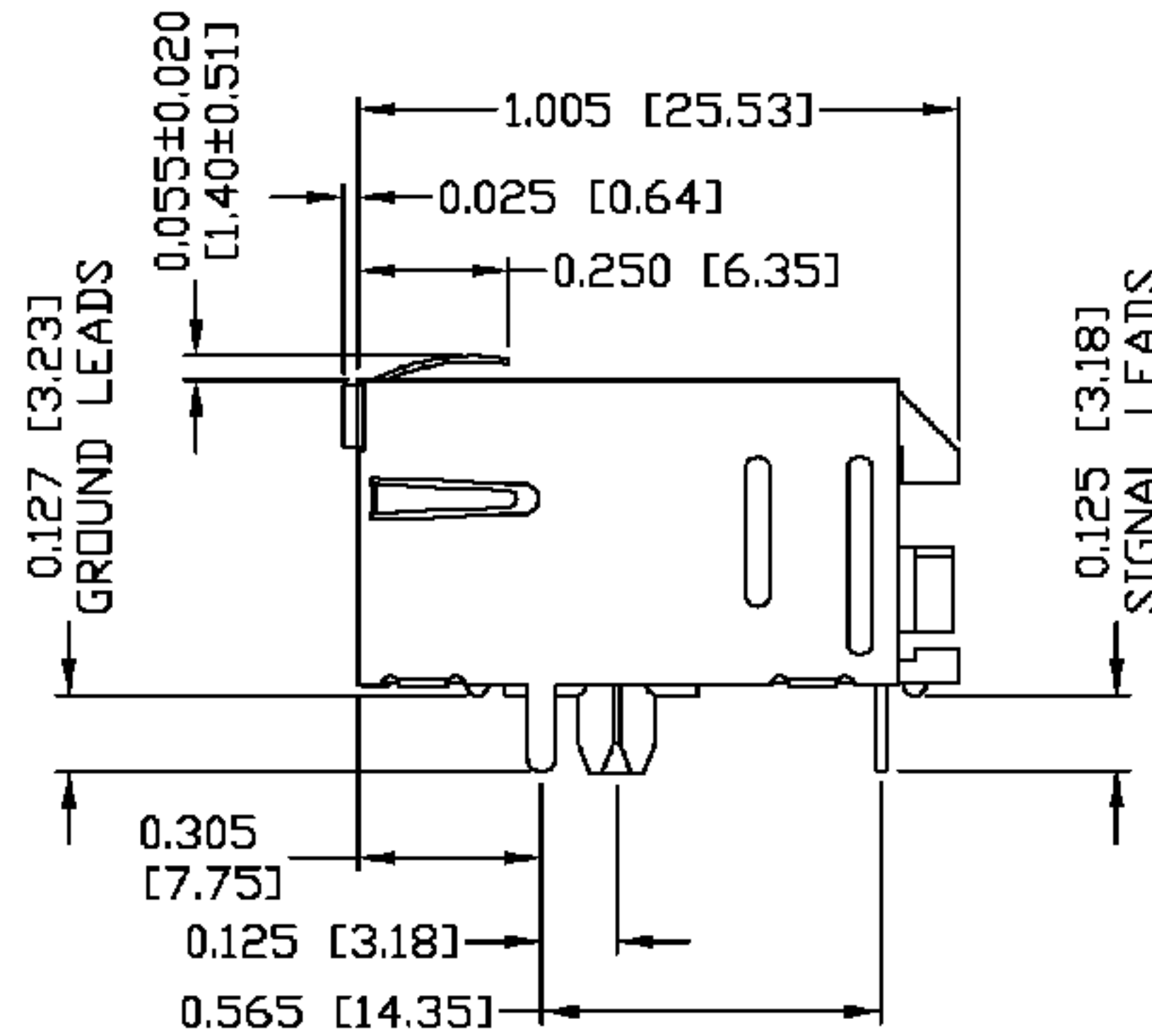
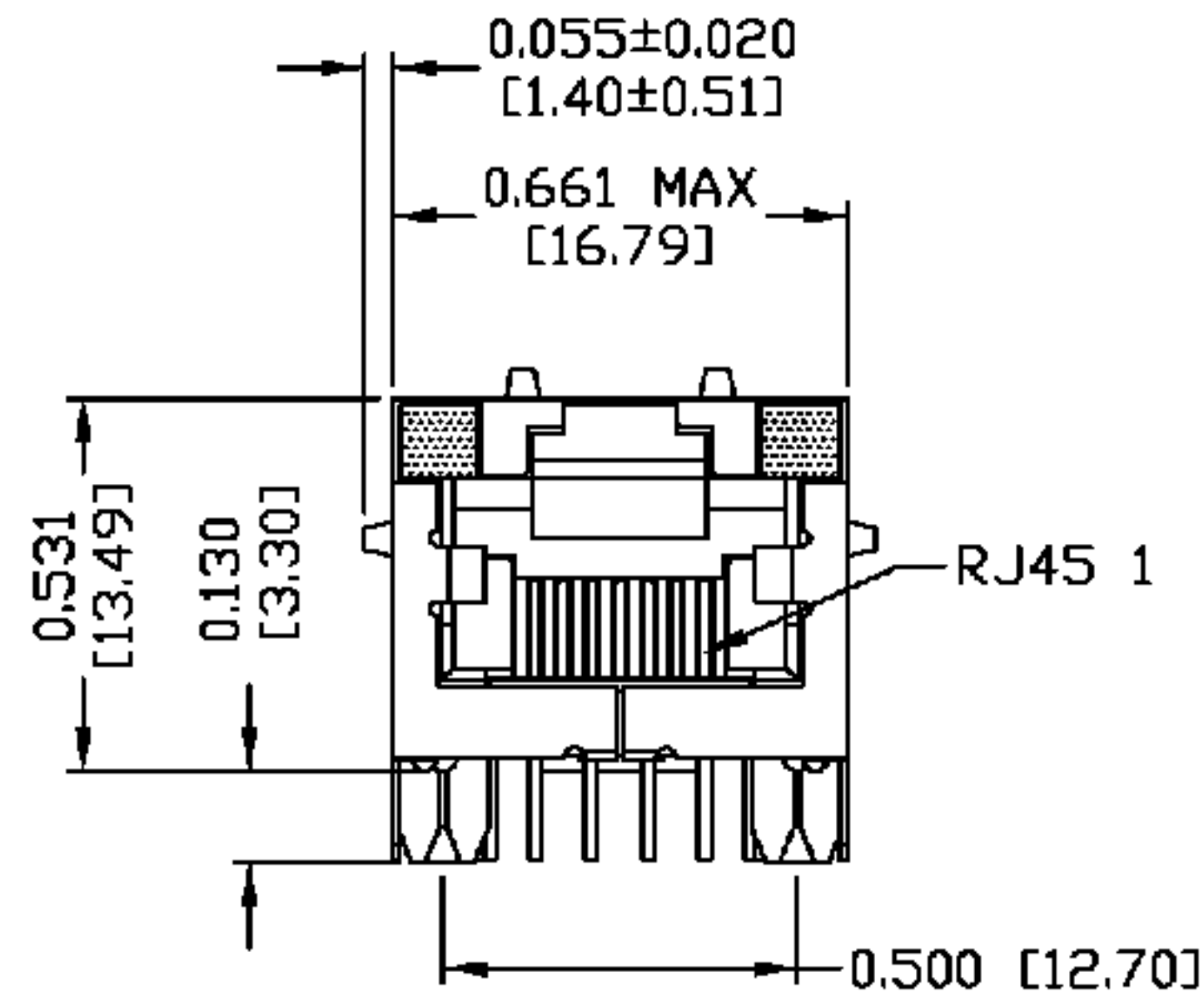
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MECHANICAL SPECIFICATION



RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW



NOTES:

- PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0
- CONTACTS PLATING: 15 MICRO-INCH HARD GOLD PLATING
- PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
- METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)
- ☐ 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

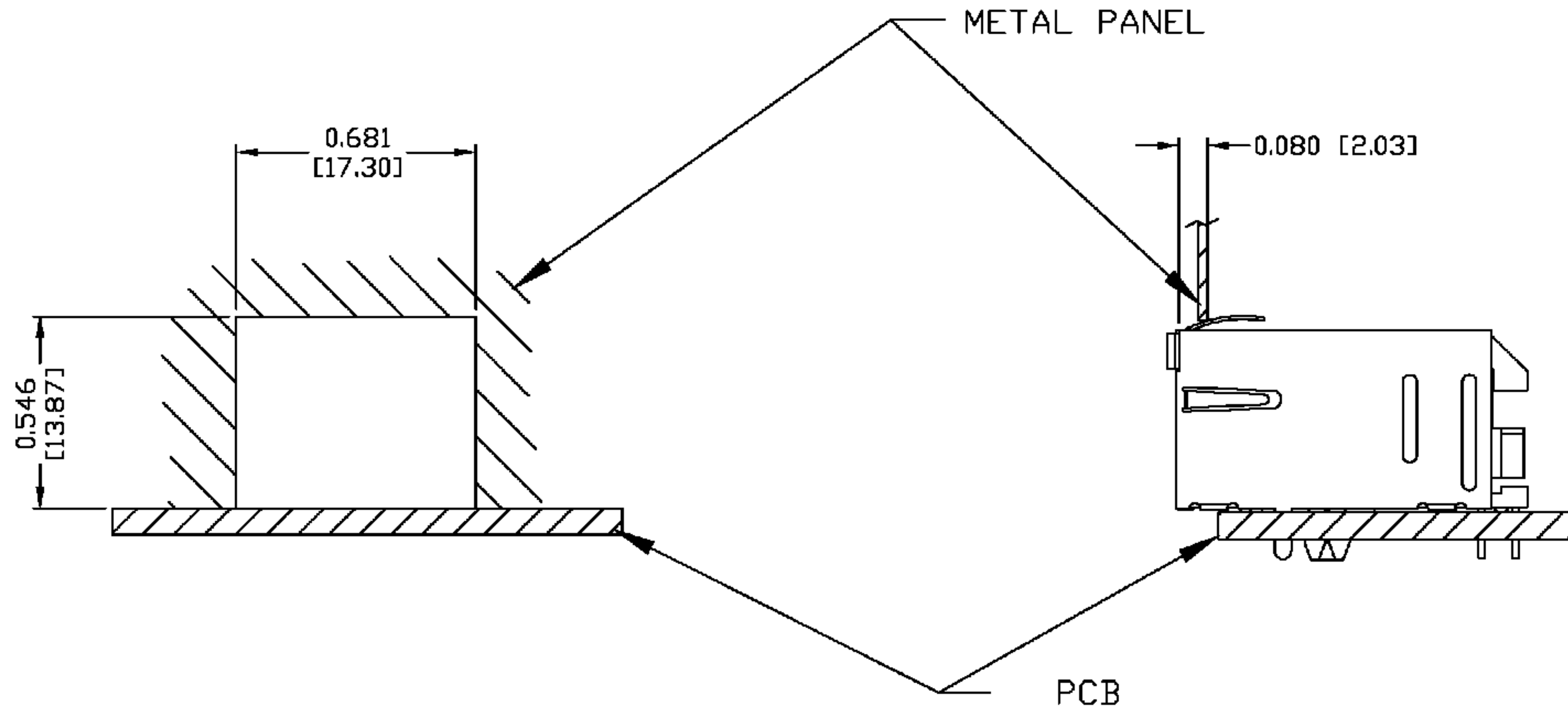
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
BILL	10-07-05	MagJack®	08B01V1T36-F	.X	UNIT : INCH [mm] REV. : A
DRAWN BY	DATE	(4 Cores, MDIX, CM Termination)	FILE NAME	.XX	SCALE : N/A SIZE : A4
QIN	10-07-05	08B0-1V1T-36-F	08B01V1T36-FA.DWG	.XXX ±0.010	SCALE: 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 : 0200-9999-D4(TOP)

0200-9999-D5(BOTTOM)

PACKING QUANTITY : 60 PCS FINISHED GOODS PER TRAY

11 TRAYS (660 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 BILL	DATE 10-07-05	TITLE MagJack® (4 Cores, MDIX, CM Termination)	PART NO. / DRAWING NO. 08B01V1T36-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
				.X		UNIT : INCH [mm]	REV. : A	
DRAWN BY QIN	DATE 10-07-05	FILE NAME 08B0-1V1T-36-F	08B01V1T36-FA.DWG	.XX		SCALE : N/A	SIZE : A4	
				.XXX	±0.010		PAGE : 4	