

INTEGRATED CONNECTOR MODULES L811-1X1T-06 10/100Base-TX Single Port Low Profile MagJack®

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+20LOG(F/30MHz) 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

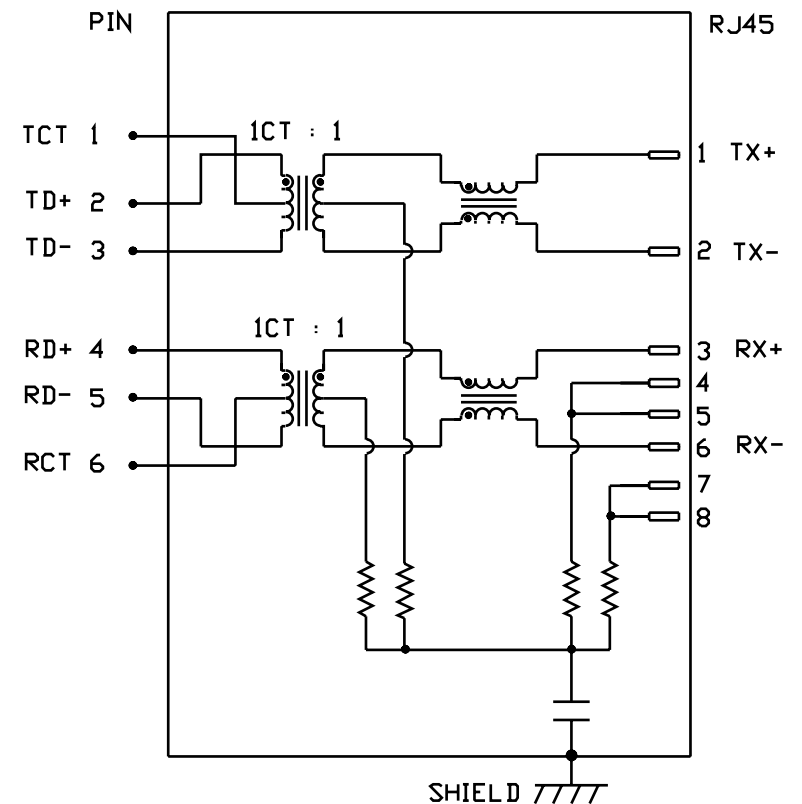
100kHz - 100 MHz

-35 dB MIN

HIPOT (Isolation Voltage):

1500 Vrms

SCHEMATIC

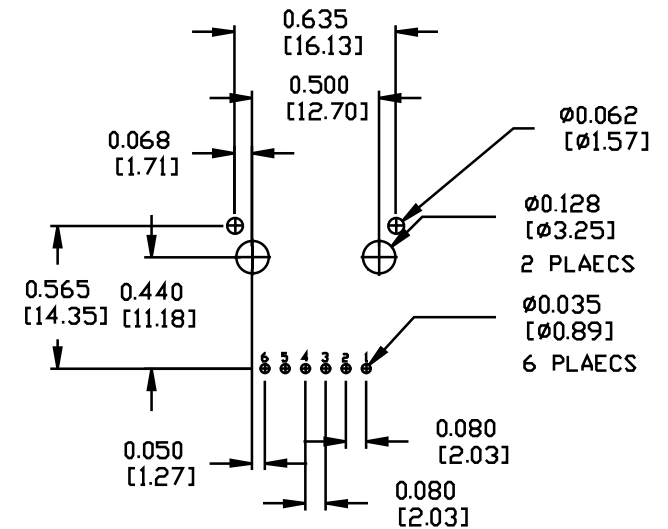
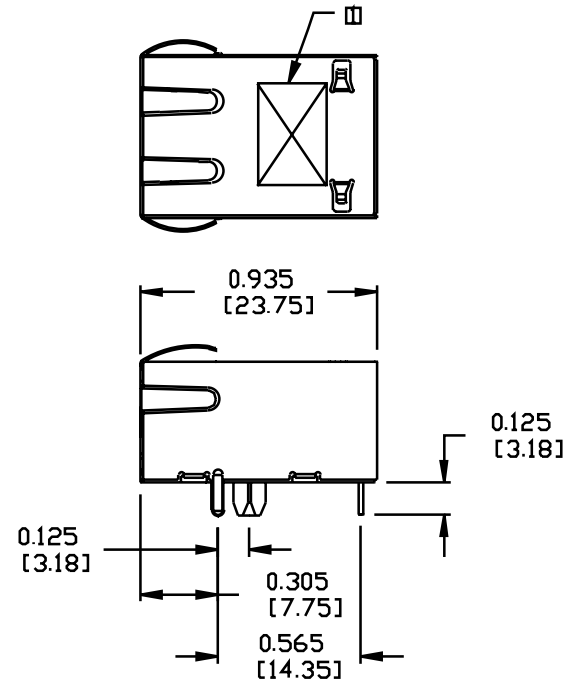
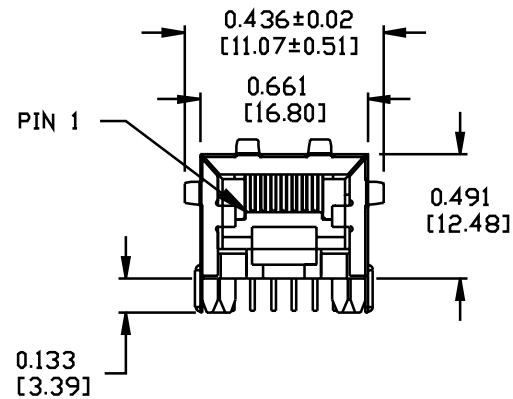


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MECHANICAL SPECIFICATION

RECOMMENDED PCB FOOTPRINT

COMPONENT SIDE VIEW



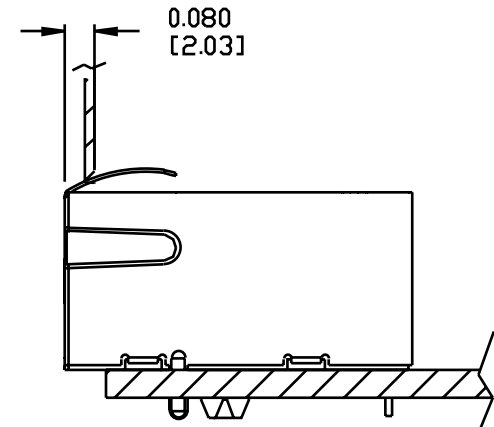
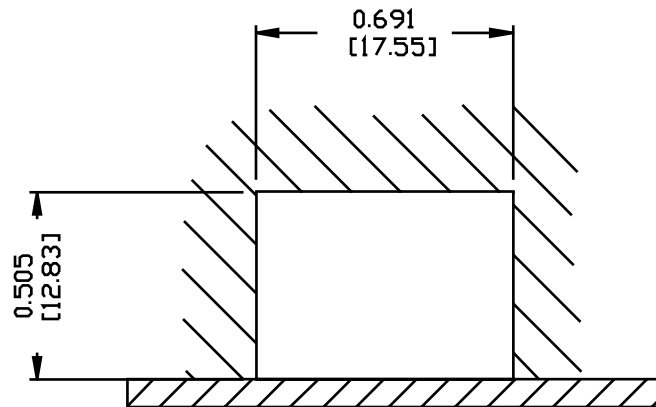
NOTES:

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. SOLDERABILITY: PER MIL STD. 202, METHOD 208.
5. METAL SHIELD: TIN/LEAD PLATED ON COPPER ALLOY.

1 MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, AND DATE CODE.

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SUGGESTED PANEL OPENING



PACKING INFORMATION

PACKING TRAY : 0200-0148-06

PACKING QUANTITY : 70 PCS FINISHED GOODS PER TRAY

12 TRAY (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)