

INTEGRATED CONNECTOR MODULES
S811-1X1T-06-F 10/100Base-TX AutoMDIX MagJack®



ELECTRICAL CHARACTERISTICS @ 25°C

Turns Ratio

TX	1CT : 1
RX	1CT : 1

QCL @ 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-1MHz	-70 dB MIN
10 MHz	-50 dB MIN
30 MHz	-45 dB MIN
50 MHz	-40 dB MIN
100 MHz	-35 dB MIN

CM TO CM REJ

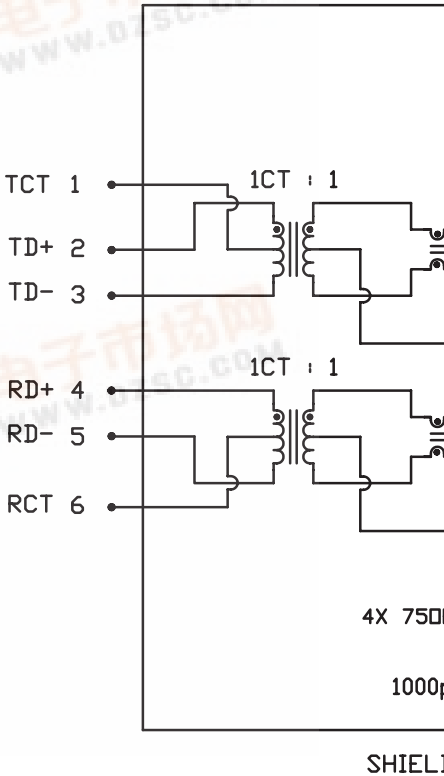
100kHz-1MHz	-70 dB MIN
10 MHz	-47 dB MIN
30 MHz	-42 dB MIN
60 MHz	-37 dB MIN
100 MHz	-30 dB MIN

CM TO DM REJ

100kHz-1MHz	-70 dB MIN
10 MHz	-60 dB MIN
30 MHz	-50 dB MIN
60 MHz	-45 dB MIN
100 MHz	-40 dB MIN

HIPOT (Isolation Voltage):

1500 Vrms

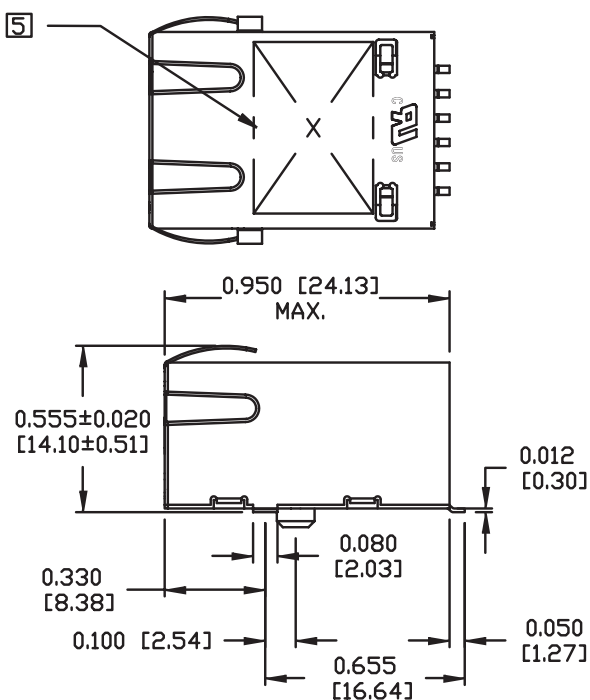
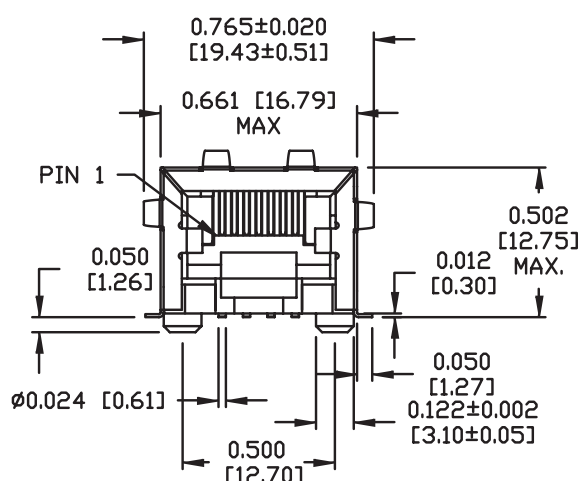


INTEGRATED CONNECTOR MODULES

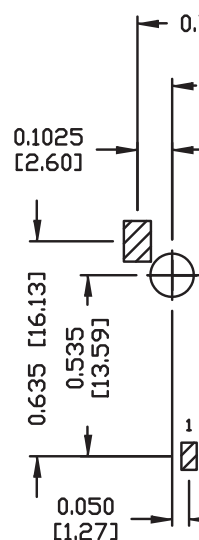
S811-1X1T-06-F 10/100Base-TX AutoMDIX MagJack®



MECHANICAL SPECIFICATION



RECOMMENDED
COMPONENTS



NOTES:

1. PLASTIC HOUSING: THERMOPLASTIC PA 4/6 & THERMOSET PHENOLIC.
2. CONTACTS PLATING: FLAMMABILITY RATING UL 94V-0
3. PINS: 50 MICRO-INCH HARD GOLD PLATING
4. METAL SHIELD: TIN-COATED COPPER WIRE, 0.024 [0.6] X 0.012 [0.3] THK, NICKEL PLATED COPPER ALLOY.

(ALL GROUND LEADS ARE SOLDER DIPPED)

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

UL US UL RECOGNIZED - FILE #E196366 AND E169987.

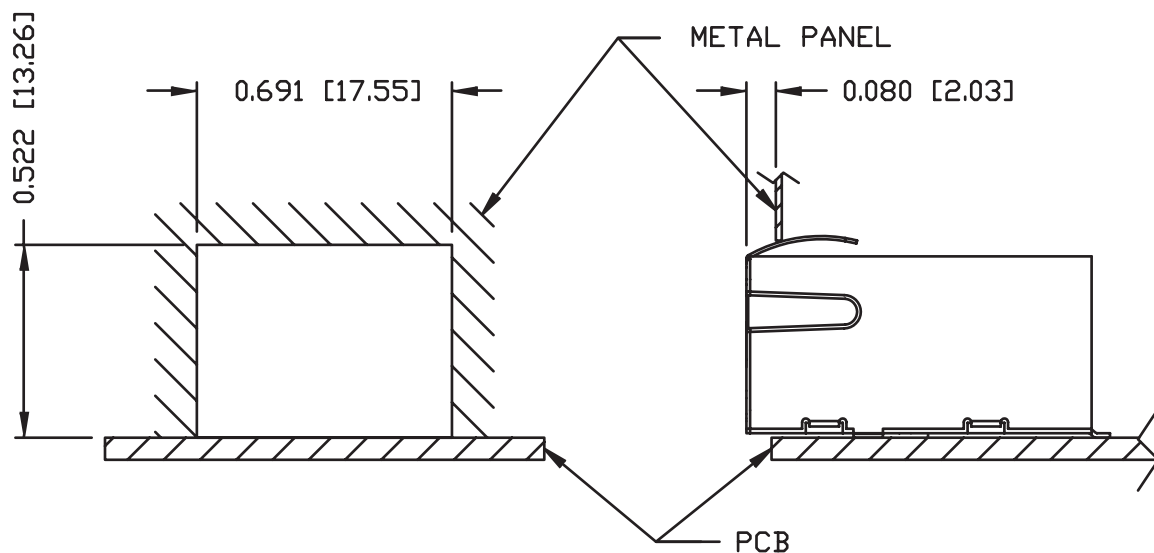
RoHS COMPLIANT, PER EU DIRECTIVE 2002/95/EC

INTEGRATED CONNECTOR MODULES

S811-1X1T-06-F 10/100Base-TX AutoMDIX MagJack®



SUGGESTED PANEL OPENING



NOTES:

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.