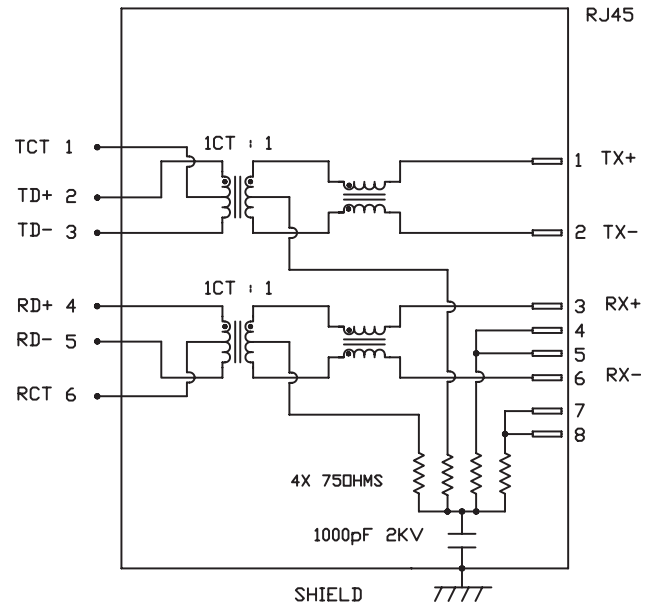


INTEGRATED CONNECTOR MODULES
S811-1X1T-06-F 10/100Base-TX AutoMDIX MagJack®



ELECTRICAL CHARACTERISTICS @ 25°C

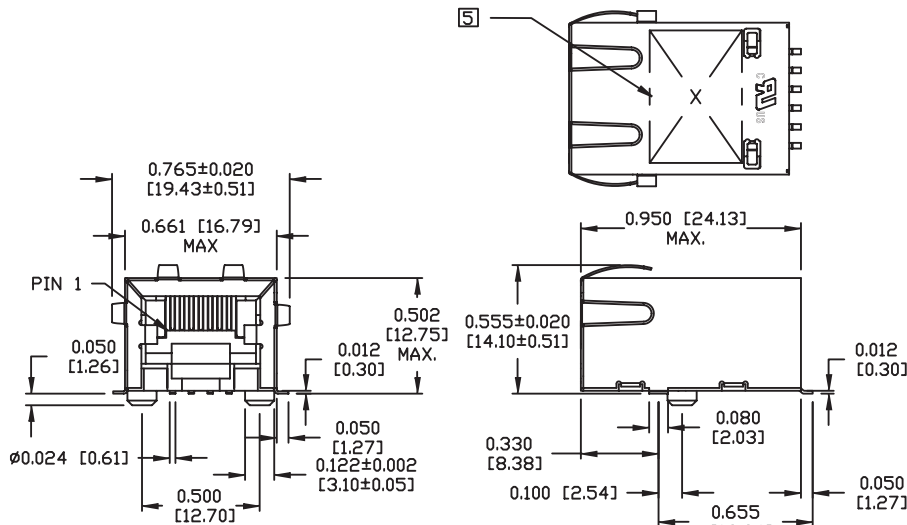
TURNS RATIO	
TX	1CT : 1
RX	1CT : 1
DCL @ 100kHz/100mVRMS	
8mA DC BIAS	350µH MIN.
INS. LOSS	
1MHz TO 100MHz	-1.0 dB MAX
RET. LOSS (MIN)	
1MHz-30MHz	-18 dB
30MHz-60MHz	-18+20LOG(F/30MHz) dB
60MHz-80MHz	-12 dB
CROSS TALK (TX - RX)	
500kHz-1MHz	-70 dB MIN
10 MHz	-50 dB MIN
30 MHz	-45 dB MIN
50 MHz	-40 dB 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) ¹	1500 Vrms



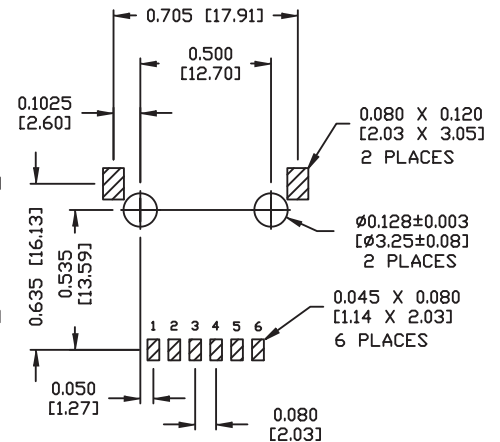
INTEGRATED CONNECTOR MODULES
S811-1X1T-06-F 10/100Base-TX AutoMDIX MagJack®



MECHANICAL SPECIFICATION



RECOMMENDED PCB FOOTPRINT
 COMPONENT SIDE VIEW



NOTES:

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

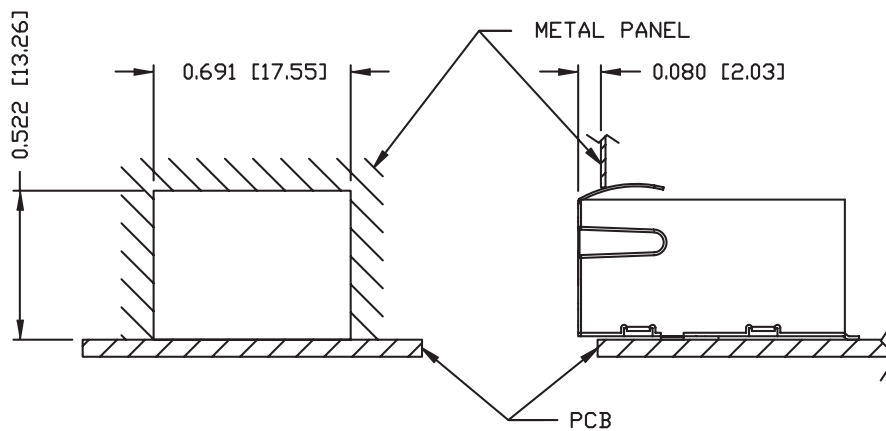
5. MARK PART WITH MFG. LOGO, MFG. NAME, PART NUMBER, AND DATE CODE.

UL RECOGNIZED - FILE #E196366 AND E169987.

RoHS COMPLIANT, PER EU DIRECTIVE 2002/95/EC

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.