

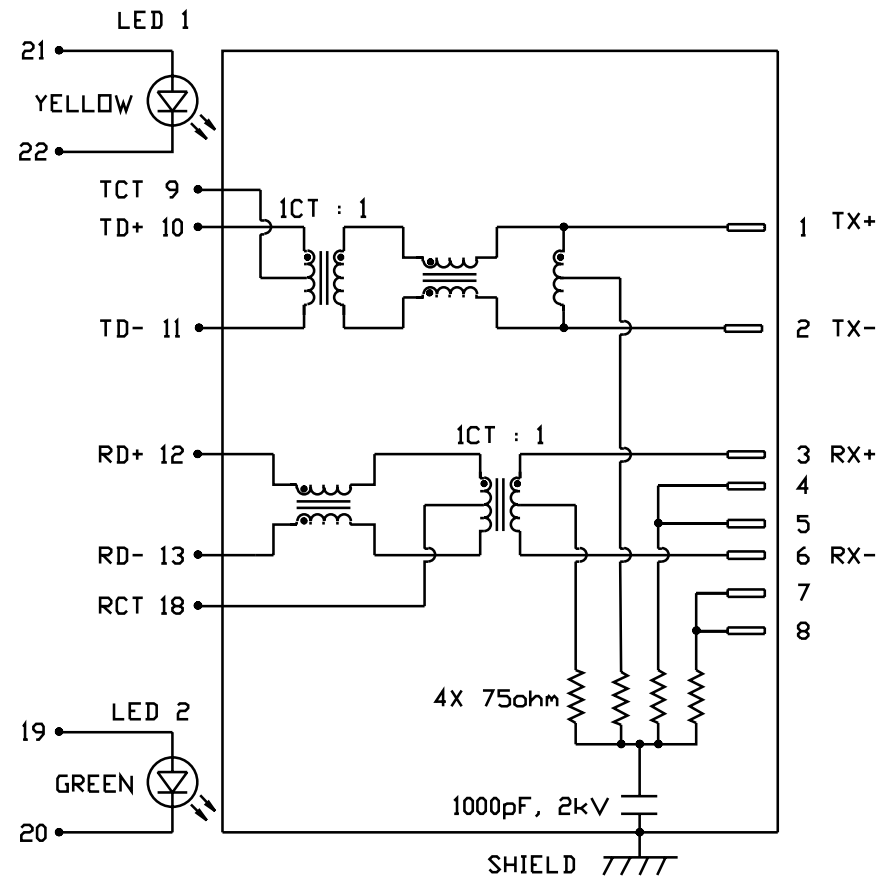
INTEGRATED CONNECTOR MODULES 0892-1DX1-60 10/100Base-TX Single Port MagJack® with LEDs

LED1 POLARITY			LED2 POLARITY		
PIN 21	PIN 22	COLOR	PIN 19	PIN 20	COLOR
+	-	YELLOW	+	-	GREEN

ELECTRICAL CHARACTERISTICS @ 25°C

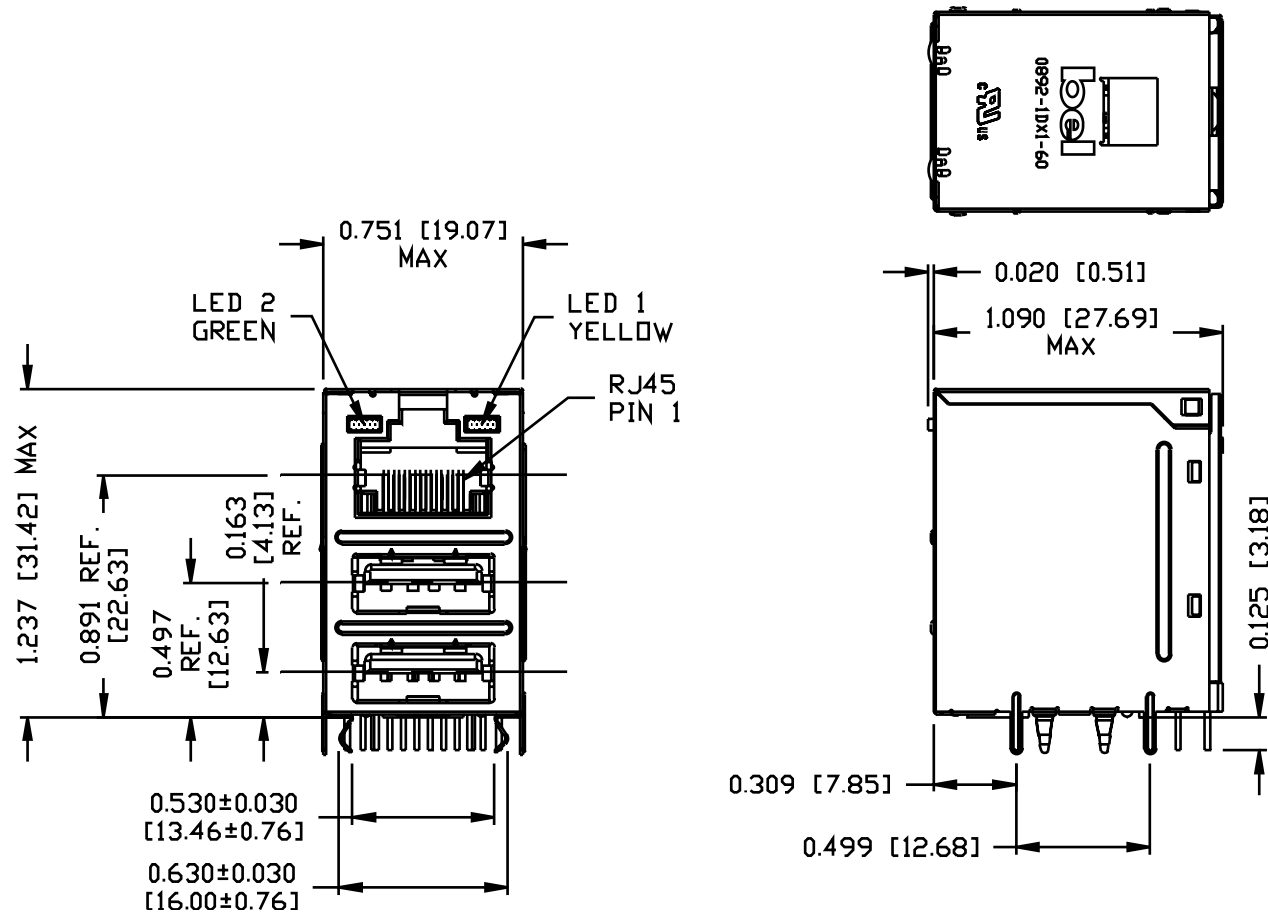
URNS RATIO TX RX QCL @ 100kHz/100mVRMS 8mA DC BIAS INS. LOSS 1MHz TO 100MHz RET. LOSS (MIN) 1MHz-30MHz 30MHz-60MHz 60MHz-80MHz CROSS TALK (TX - RX) 100kHz-100MHz CM TO CM REJ 100kHz-100MHz CM TO DM REJ 100kHz-100MHz HIPOT (Isolation Voltage): 1500 Vrms LED 1 VF (FORWARD VOLTAGE) IF=20mA YELLOW 2.1V TYP. λD (DOMINANT WAVELENGTH) IF=20mA YELLOW 590nm TYP. LED 2 VF (FORWARD VOLTAGE) IF=20mA GREEN 2.2V TYP. λD (DOMINANT WAVELENGTH) IF=20mA GREEN 565nm TYP. USB ELECTRICAL: INSULATION RESISTANCE: 1000 MEG Ω (MIN) CONTACT RESISTANCE: 25 MILLI Ω (MAX) DIELECTRIC WITHSTANDING: 750 VAC	ICT : 1 ICT : 1 350μH MIN. -1.0 dB MAX -18 dB -18+20LOG(F/30MHz) dB -12 dB -35 dB MIN -30 dB MIN -35 dB MIN 1500 Vrms
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SCHEMATIC



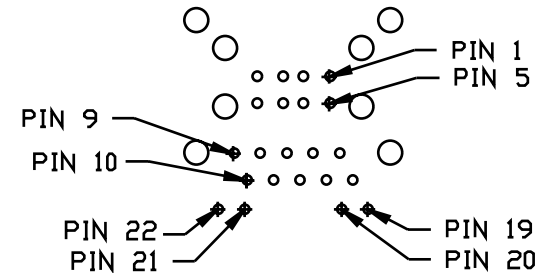
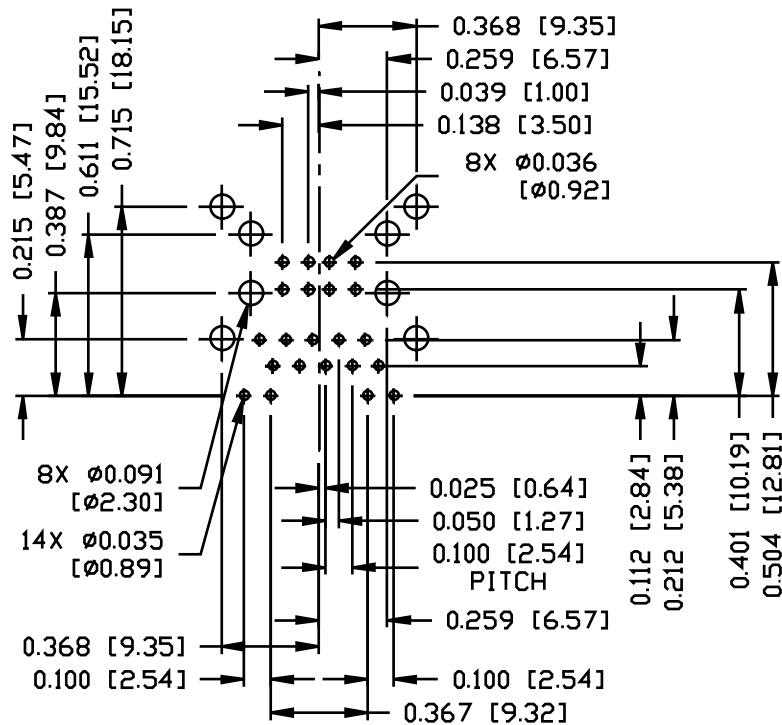
INTEGRATED CONNECTOR MODULES 0892-1DX1-60 10/100Base-TX Single Port MagJack® with LEDs

MECHANICAL SPECIFICATION



INTEGRATED CONNECTOR MODULES 0892-1DX1-60 10/100Base-TX Single Port MagJack® with LEDs

Recommended PCB footprint
Component Side



RJ45 MECHANICAL:

PLASTIC HOUSING:

CONTACTS PLATING:

PINS:

SOLDERABILITY:

METAL SHIELD:

THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0
30 MICRO-INCH HARD GOLD PLATING
TIN-COATED COPPER WIRE, DIA 0.018 INCH.
PER MIL STD. 202, METHOD 208.
TIN/LEAD PLATED ON COPPER ALLOY,

USB MECHANICAL:

MATING FORCE:

UNMATING FORCE:

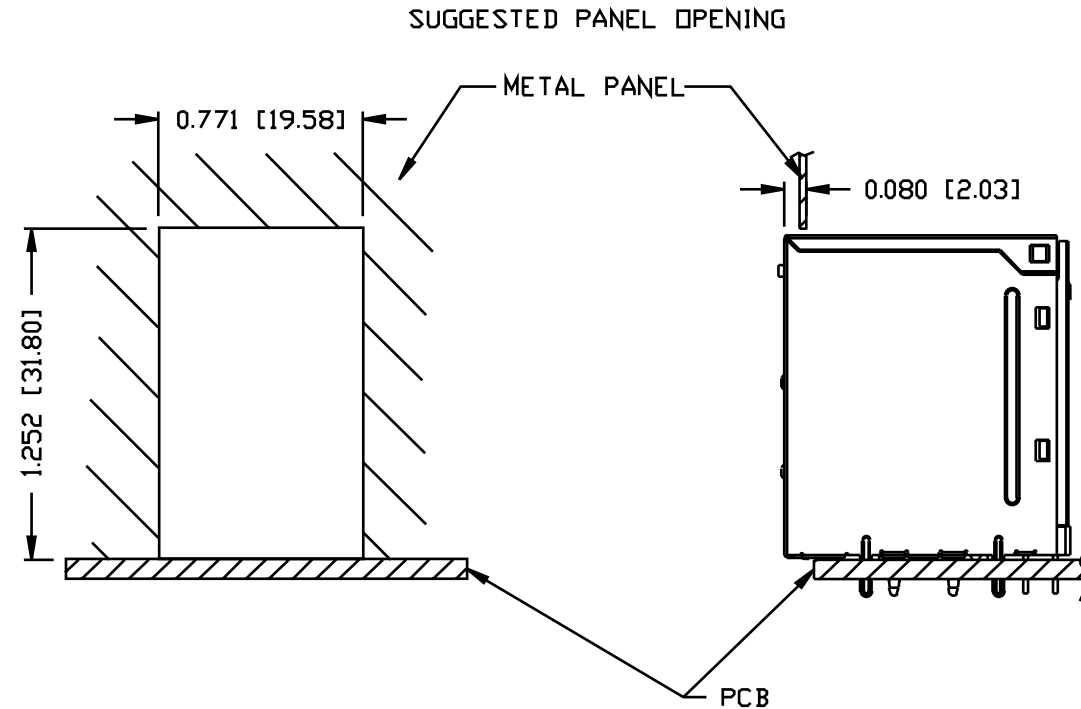
CONTACTS PLATING:

35 NEWTONS MAXIMUM
10 NEWTONS MINIMUM
PROSPER BRONZE, GOLD PLATING ON
CONTACT AREA AND TIN ON SOLDER TAIL.

UL RECOGNIZED - FILE #E196366 AND E169987.

INTEGRATED CONNECTOR MODULES

0892-1DX1-60 10/100Base-TX Single Port MagJack® with LEDs



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 : 0200-0148-41 (BOTTOM)
0200-0148-42 (TOP)

PACKING QUANTITY : 35 PCS FINISHED GOODS PER TRAY
10 TRAY (350 PCS FINISHED GOODS) PER CARTON BOX

NOTE : CARDBOARDS ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX
(INCLUDE THE UPPERMOST AND LOWERMOST TRAY)