

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Bel Fuse Inc.](#)
[C893-1AX1-E1](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

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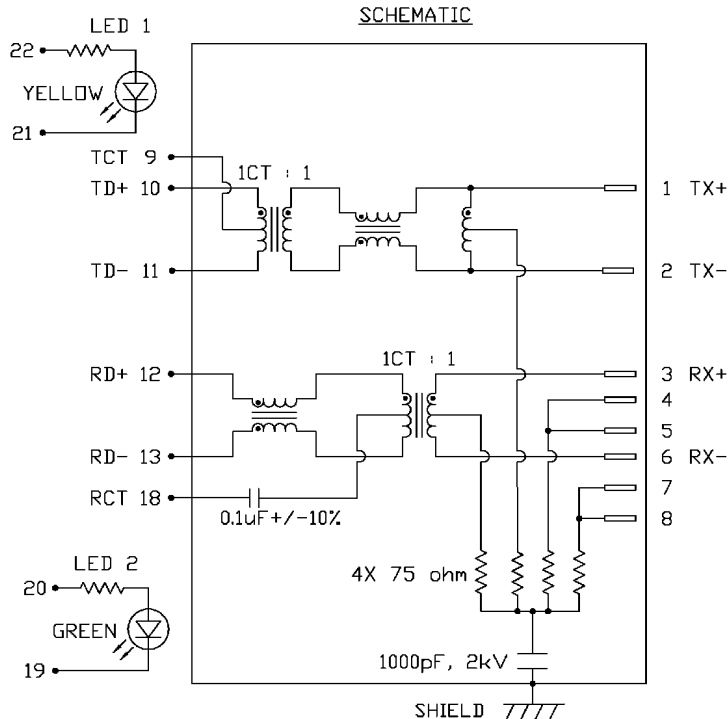
LED2 POLARITY			LED1 POLARITY		
PIN 19	PIN 20	COLOR	PIN 21	PIN 22	COLOR
-	+	GREEN	-	+	YELLOW

PRELIMINARY



ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO TX RX OCL @ 100kHz,100mVRMS 8mA DC BIAS INS. LOSS 100kHz TO 100MHz RET. LOSS (MIN) 1MHz-30MHz 30MHz-60MHz 60MHz-80MHz CM TO CM REJ 100kHz - 100MHz 100MHz - 130MHz CM TO DM REJ 100kHz - 100MHz CROSS TALK 1MHz - 65MHz 65MHz - 100MHz HIPOT (Isolation Voltage) LEAKAGE INDUCTANCE PRIMARY W/ SECONDARY INTERWINDING CAPACITANCE PER CHANNEL (PRI. TO SEC.) DC RESISTANCE (RJ1-RJ2)=(RJ3-RJ6) LED 1 VF (FORWARD VOLTAGE) λD (DOMINANT WAVELENGTH) LED 2 VF (FORWARD VOLTAGE) λD (DOMINANT WAVELENGTH) USB ELECTRICAL INSULATION RESISTANCE CONTACT RESISTANCE DIELECTRIC WITHSTANDING	1CT : 1CT ±3% 1CT : 1CT ±3% 350uH MIN -1.0 dB MAX -20 dB -[19-20LOG(F/30MHz)] dB -12 dB -30 dB MIN -20 dB MIN -35 dB MIN -35 dB MIN -30 dB MIN 1500 Vrms or 2250VDC 0.3uH Max. @ 1MHz 30pF Max @ 1MHz 1.2 ohms Max IF=20mA YELLOW 2.1V TYP. IF=20mA YELLOW 590nm TYP. IF=20mA GREEN 2.2V TYP. IF=20mA GREEN 565nm TYP. 1000 MEGA Ω (MIN) 25 MILLI Ω (MAX) 750 VAC
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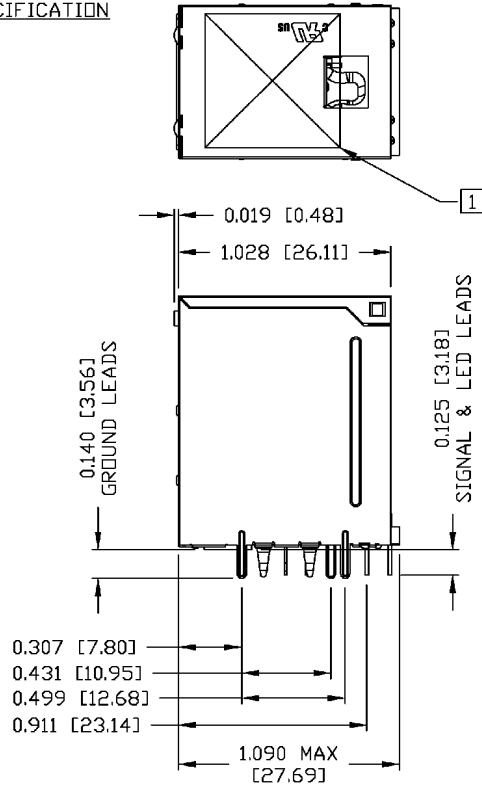
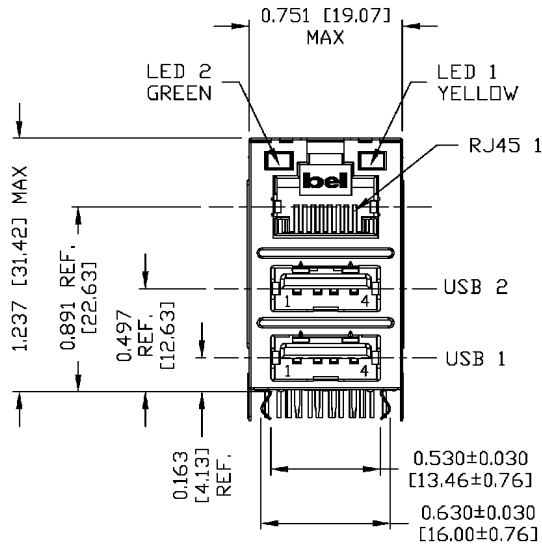
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE	
CHUNG	04-17-06	MagJack® Combo (Staggered pin)	C893-1AX1-E1	TOL. IN INCH	UNIT : INCH [mm]	REV. : PE
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4
DE	04-17-06		C8931AX1E1PE.DWG	.XX .XXX	PAGE : 2	



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MECHANICAL SPECIFICATION

PRELIMINARY



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DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A	SIZE : A4
TING	04-17-06		C8931AX1E1PE.DWG	.XXX ±0.010	PAGE : 3	



DC002(2)032305

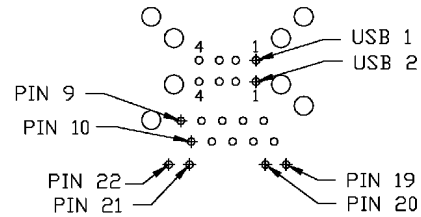
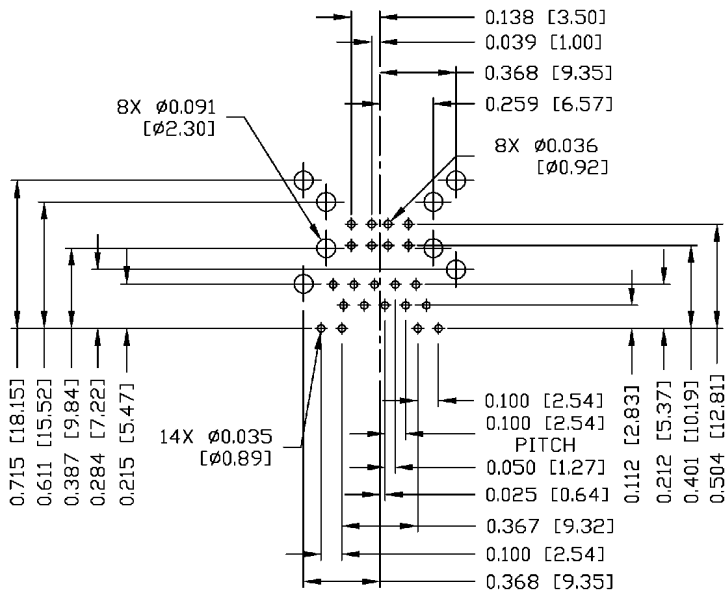
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Recommended PCB footprint
Component Side



RJ45 MECHANICAL:

PLASTIC HOUSING: THERMOPLASTIC PBT
 FLAMMABILITY RATING UL 94V-0
 CONTACTS PLATING: 50 MICRO-INCH HARD GOLD PLATING
 PINS: TIN-COATED CP WIRE, DIA 0.018 INCH.
 METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
 (ALL GROUND LEADS ARE SOLDER DIPPED)

USB MECHANICAL:

MATING FORCE: 35 NEWTONS MAXIMUM
 UNMATING FORCE: 10 NEWTONS MINIMUM
 CONTACT: PHOSPHOR BRONZE
 30 MICRO-INCH GOLD PLATING ON CONTACT AREA AND TIN ON SOLDER TAIL.

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

UL UL RECOGNIZED - FILE #E196366 AND E169987.

RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.

JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

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				.XXX	±0.004	

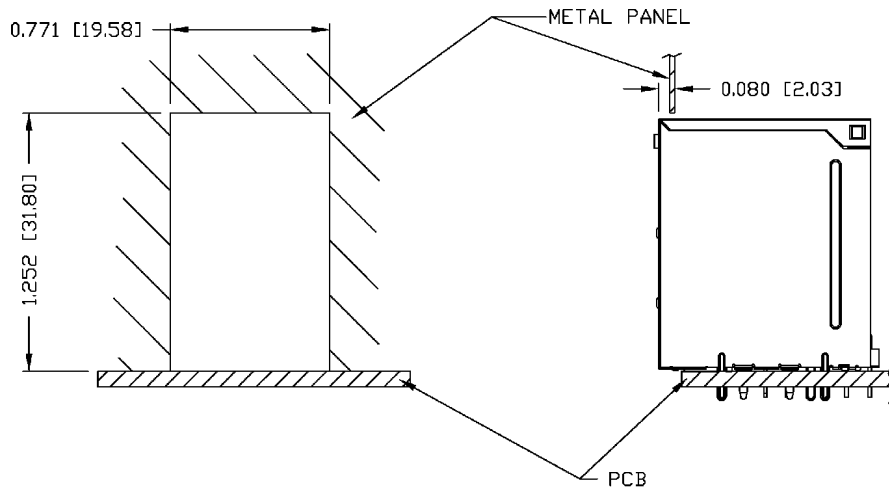


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SUGGESTED PANEL OPENING

PRELIMINARY



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-H3 (TOP)
 0200-9999-H4 (BOTTOM)

PACKING QUANTITY : 35 PCS FINISHED GOODS PER TRAY
 9 TRAYS (315 PCS FINISHED GOODS) PER CARTON BOX

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

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