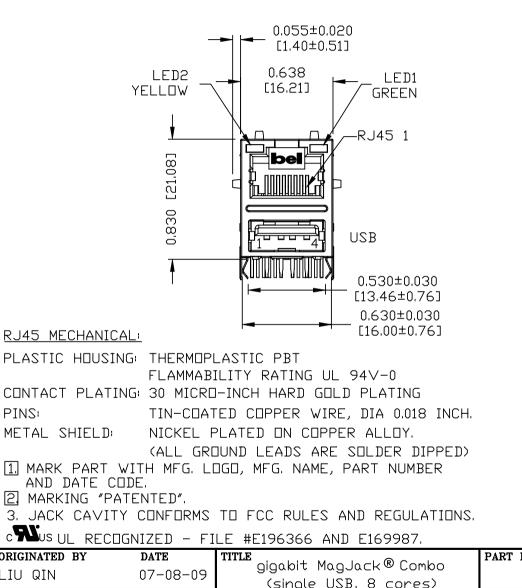
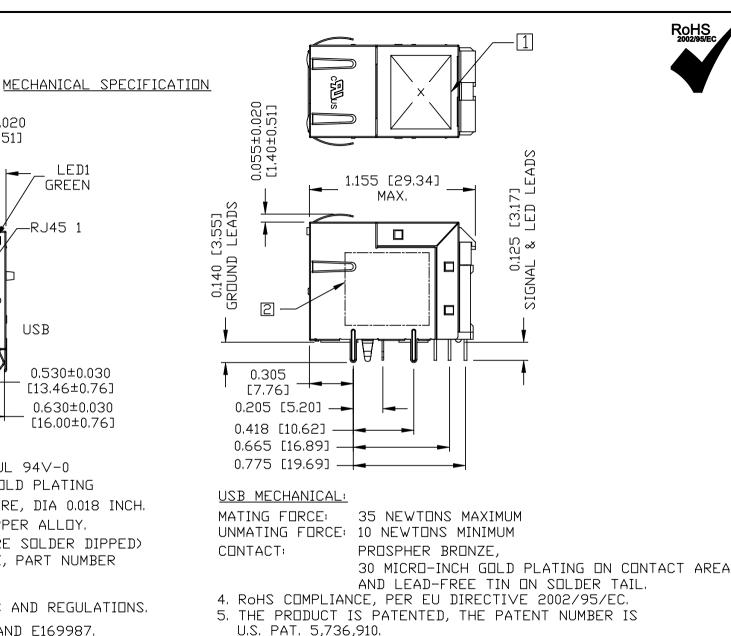
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|---|---|---|--|--------------------|
| ELECTRICAL CHARACTERISTICS @ | 25°C | 13 • LED1 | SCHEMATIC | |
| TURNS RATID TP1 TP2 TP3 TP4 | 1CT : 1CT ±2% 1CT : 1CT ±2% 1CT : 1CT ±2% 1CT : 1CT ±2% 1CT : 1CT ±2% | GREEN | 407 407 | - RJ45 |
| DCL @ 100kHz/100mVRMS 8mA DC BIAS INS, LDSS | 350µH MIN. | TRD1+ 11 • | | 1 TRP1+ |
| 0.1MHz TO 1MHz 1MHz TO 65MHz 65MHz TO 100MHz 100MHz TO 125MHz | -1.1 dB MAX -0.5 dB MAX -0.8 dB MAX -1.2 dB MAX | TRD1- 10 • | | 2 TRP1- |
| RET. LOSS (MIN) 0.5MHz-40MHz 40MHz-100MHz | -18 dB -12+20LDG(f/80MHz) dB | TRD2+ 4 • | | 3 TRP2+ |
| CROSS TALK 1MHz – 60MHz 60MHz – 100MHz | -35 dB MIN. -25 dB MIN. | TRCT2 6 • | | 6 TRP2- |
| CM TO CM REJ 100kHz - 100MHz CM TO DM REJ | -30 dB MIN | TRD3+ 3 • | | 4 TRP3+ |
| 100kHz – 100MHz HIPOT (Isolation Voltage): | -35 dB MIN 1500 Vrms | TRD3- 2 • | | 5 TRP3- |
| 100% OF PRODUCTION TESTED T IEEE 802.3 ISOLATION REQUIRE | | TRD4+ 8 • | | 7 TRP4+ |
| A D (DOMINANT WAVELENGTH) : LED 2 | | TRCT4 7 • TRD4- 9 • | | 8 TRP4- |
| VF (FORWARD VOLTAGE) & D (DOMINANT WAVELENGTH) <u>USB ELECTRICAL:</u> | F=20mA YELL⊡W 2.1∨ TYP. F=20mA YELL⊡W 590nm TYP. | 15 • LED2 | 4X 75 DHMS | |
| INSULATION RESISTANCE: CONTACT RESISTANCE: DIELECTRIC WITHSTANDING: | 1000 MEGA Q (MIN) 25 MILLI Q (MAX) 750 VAC | | 1000pF 2kV | |
| ORIGINATED BYDATETITCHUW WANGCHUNG07-08-09DRAWN BYDATELEE WEIDE07-08-09 | LE gigabit MagJack® Combo (single USB, 8 cores) 0821-1D1T-43-F PATENTED | PART NO. / DRAWING NO. 08211D1T43-F FILE NAME 08211D1T43-F_B.DWG | STANDARD DIM. [] METRIC DIM. AS REFERI TOL. IN INCH UNIT : INCH [mm] .X SCALE : N/A .XX PAGE : | |

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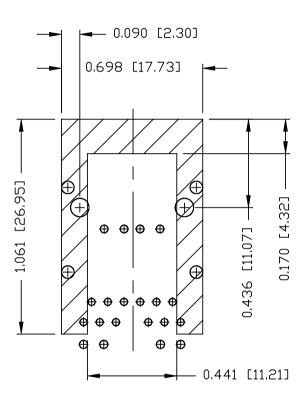


RoHS

ORIGINATED BY PART NO. / DRAWING NO. [] METRIC DIM. AS REFERENCE STANDARD DIM. LIU QIN TOL. IN INCH 08211D1T43-F be UNIT : INCH [mm] REV. : B (single USB, 8 cores) .x DRAWN BY DATE FILE NAME N/A 0821-1D1T-43-F SCALE : SIZE : A4 COMPONENTSFOR A CONNECTED PLANET .XX XIAN JIAXIN 07-08-09 PATENTED 08211D1T43-F_B.DWG \oplus PAGE : 3 .xxx ±0.010

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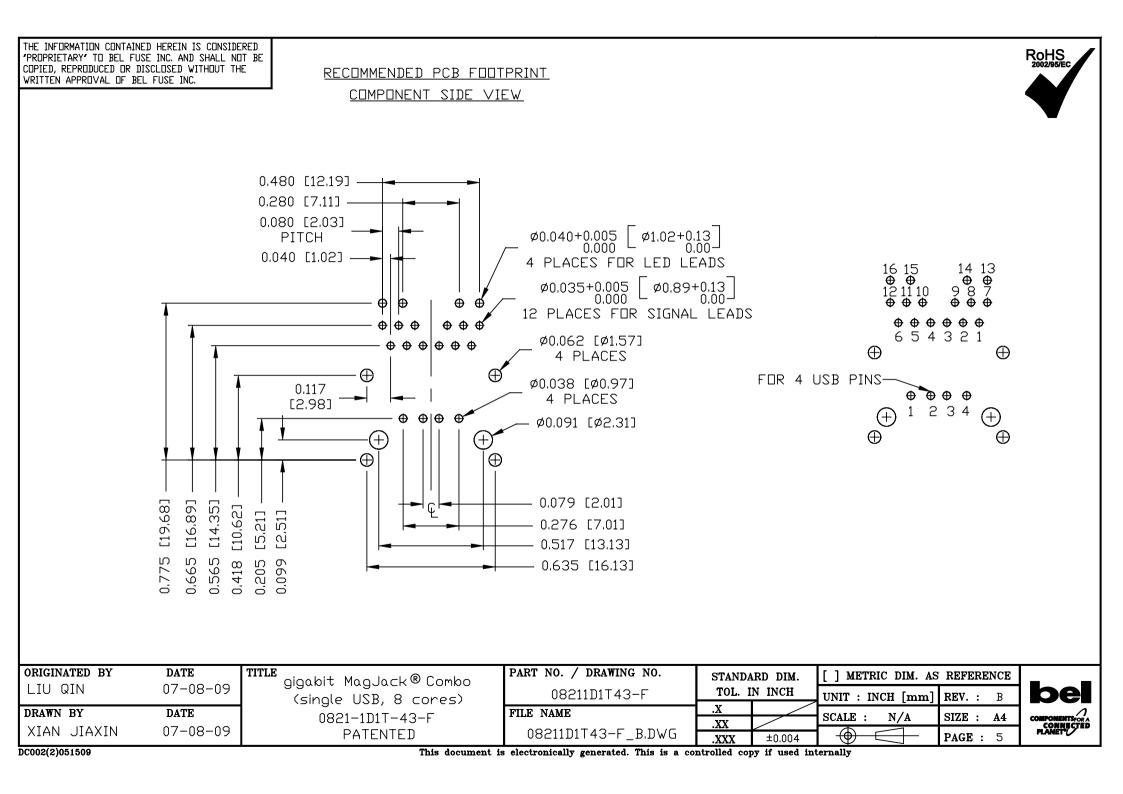
NOTES:

THE SHADED AREA ON THE CUSTOMER BOARD ARE RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR COMPONENT PAD.

| ORIGINATED BY | DATE | TITLE gigabit MagJack® Combo | PART NO. / DRAWING NO. | STANDARD DIM. | | [] METRIC DIM. AS | AETRIC DIM. AS REFERENCE | |
|---------------|----------|---------------------------------|------------------------|---------------|---------|-------------------|--------------------------|-----------|
| LIU QIN | 07-08-09 | (single USB, 8 cores) | 08211D1T43-F | TOL. I | IN INCH | UNIT : INCH [mm] | REV. : B | bel |
| DRAWN BY | DATE | 0821-1D1T-43-F | FILE NAME | .x .xx | | SCALE : N/A | SIZE : A4 | |
| XIAN JIAXIN | 07-08-09 | PATENTED | 08211D1T43-F_B.DWG | .XXX | ±0.004 | | PAGE : 4 | CONNECTED |

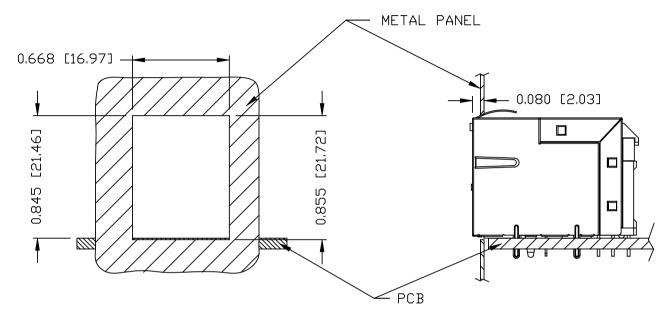
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<u>NDTES:</u>

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 : 0200-0148-48 (TDP)

0200-0148-49 (BOTTOM)

PACKING QUANTITY : 60 PCS FINISHED GOODS PER TRAY 8 TRAYS (480 PCS FINISHED GOODS) PER CARTON BOX

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

| originated by LIU QIN | DATE 07-08-09 | TITLE gigabit MagJack®Combo (single USB, 8 cores) | PART NO. / DRAWING NO. 08211D1T43-F | STANDARD DIM. TOL. IN INCH | [] METRIC DIM. AS REFERENCE UNIT : INCH [mm] REV. : B | bel |
|---------------------------------|-------------------------|---|---|-------------------------------|--|---------------------------------------|
| drawn by Xian Jiaxin | DATE 07-08-09 | 0821-1D1T-43-F PATENTED | FILE NAME 08211D1T43-F_B.DWG | .X .XX .XXX ±0.004 | $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | COMPONENTSFORA CONNECTED PLANET |

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Bel: 0821-1D1T-43-F