



**PRODUCT SPECIFICATION**



LANGUAGE

JAPANESE  
ENGLISH

**[ 1. 適用範囲 SCOPE ]**

本仕様書は、 \_\_\_\_\_ 殿に納入する

3.96 mmピッチ プリント基板用 コネクタについて規定する。

This specification covers the 3.96mm WIRE to BOARD CONNECTOR series.

**[ 2. 製品名称及び型番 PRODUCT NAME AND PART NUMBER ]**

| 製品名称 Product Name                         | 製品型番 Part Number                 |
|---|----------------------------------|
| ターミナル Terminal                            | 5194T(L) / 5194PBT(L) / 5225T(L) |
| ハウジング Housing                             | 5195-N                           |
| ウェハー アッセンブリ ストレート<br>Wafer Assembly ST.   | 5271-NA                          |
| ウェハー アッセンブリ ライトアングル<br>Wafer Assembly R/A | 5272-NA                          |

N : 図面参照 Refer to the drawing.

**[ 3. 定格及び適用電線 RATINGS AND APPLICABLE WIRES ]**

| 項目 Item                             | 規格 Standard         |     |   |
|-------------------------------------|---------------------|-----|---|
| 最大許容電圧<br>Rated Voltage(MAX.)       | 250 V               |     |   |
| 最大許容電流<br>Rated Current (MAX.)      | 5194T(L)            | 7 A | [ AC (実効値 rms) / DC ]<br>使用可能な線材の最大のものを採用。<br>When used MAX. size wire. |
|                                     | 5194PBT(L)          | 5 A |   |
|                                     | 5225T(L)            | 4 A |   |
| 使用温度範囲<br>Ambient temperature Range | -40 °C ~ +105 °C *1 |     |   |

\*1 : 通電による温度上昇分も含む。

\*1 : Including terminal temperature rise.

|       |   |   |   |   |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |
|-------|---|---|---|---|---|---|---|---|---|----|----|--|--|--|--|--|--|--|--|--|--|--|
| REV.  | A | A | A | A | A | A | A | A | A | A  | A  |  |  |  |  |  |  |  |  |  |  |  |
| SHEET | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |  |  |  |  |  |  |  |  |  |  |  |

|                   |  |  |  |                |                         |             |             |              |            |           |  |  |  |  |  |  |  |  |  |  |  |  |
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| REVISE ON PC ONLY |  |  |  | TITLE:         |                         |             |             |              |            |           |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>A</b>          | J2002-1885<br>RELEASED<br>T.NIITSU<br>'02/02/05  |  |  |                | 3.96mm Pitch W-t-B CONN |             |             |              |            |           |  |  |  |  |  |  |  |  |  |  |  |  |
|                   |  |  |  |                | 製品仕様書                   |             |             |              |            |           |  |  |  |  |  |  |  |  |  |  |  |  |
|                   | THIS DOCUMENT CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |  |                |                         |             |             |              |            |           |  |  |  |  |  |  |  |  |  |  |  |  |
| REV.              | DESCRIPTION  |  |  | DESIGN CONTROL | STATUS                  | WRITTEN BY: | CHECKED BY: | APPROVED BY: | DATE:      | YR/MO/DAY |  |  |  |  |  |  |  |  |  |  |  |  |
|                   | J  |  |  |                |                         | T.NIITSU    | K.ASAKAWA   | T.YAMAGUCHI  | 2002/02/05 |           |  |  |  |  |  |  |  |  |  |  |  |  |

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[ 4. 性 能 PERFORMANCE ]

4 - 1. 電氣的性能 Electrical Performance

| 項 目<br>Item  | 条 件<br>Test Condition   | 規 格<br>Requirement     |
|--|---|------------------------|
| 4-1-1<br>接 触 抵 抗<br>Contact<br>Resistance                          | コネクタを嵌合させ、開放電圧 20mV 以下、<br>短絡電流 10mAにて測定する。<br>(JIS C5402 5.4)<br>Mate connectors,measure by dry<br>circuit, 20mV MAX., 10mA.<br>(JIS C5402 5.4)  | 10 milliohms MAX.      |
| 4-1-2<br>絶 縁 抵 抗<br>Insulation<br>Resistance                       | コネクタを嵌合させ、隣接するターミナル間<br>及びターミナル、アース間に、DC 500V を<br>印加し測定する。<br>(JIS C5402 5.2/MIL-STD-202 試験法 302)<br>Mate connectors, apply 500V DC<br>between adjacent terminal or ground.<br>(JIS C5402 5.2/MIL-STD-202<br>Method 302)                               | 1000 Megohms<br>MIN.   |
| 4-1-3<br>耐 電 圧<br>Dielectric<br>Strength                           | コネクタを嵌合させ、隣接するターミナル間<br>及びターミナル、アース間に、AC(rms)<br>1500V (実効値) を1分間 印加する。<br>(JIS C5402 5.1/MIL-STD-202 試験法 301)<br>Mate connectors, apply 1500V AC(rms)<br>for 1 minute between adjacent terminal<br>or ground.(JIS C5402 5.1/MIL-STD-202<br>Method 301) | 異常なきこと<br>No Breakdown |
| 4-1-4<br>圧着部接触抵抗<br>Contact<br>Resistance<br>on Crimped<br>Portion | ターミナルに適合電線を圧着し、開放電圧<br>20mV 以下、短絡電流 10mA にて測定する。<br>Crimp the applicable wire on to the<br>terminal, measure by dry circuit,<br>20mV MAX., 10mA.  | 5 milliohms MAX.       |

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4 - 2. 機械的性能 Mechanical Performance

| 項目<br>Item |  | 条件<br>Test Condition  |         | 規格<br>Requirement                 |
|------------|--|---|---------|-----------------------------------|
| 4-2-1      | 挿入力及び抜去力<br>Insertion and Withdrawal Force   | 毎分 25±3mm の速さで挿入、抜去を行なう。<br>Insert and withdraw connectors at the speed rate of 25±3mm/minute.  |         | 第 6 項 参 照<br>Refer to paragraph 6 |
| 4-2-2      | 圧着部引張り強度<br>Crimping Pull Out Force          | 圧着されたターミナルを治具に固定し、電線を軸方向に毎分 25±3mm の速さで引張る。<br>( JIS C5402 6.8)<br>Fix the crimped terminal, apply axial pull out force on the wire at the speed rate of 25±3mm/minute. (JIS C5402 6.8) | AWG.#18 | 88.2 N {9.0kgf} MIN.              |
|            |  |   | AWG.#20 | 58.8 N {6.0kgf} MIN.              |
|            |  |   | AWG.#22 | 39.2 N {4.0kgf} MIN               |
|            |  |   | AWG.#24 | 29.4 N {3.0kgf} MIN.              |
|            |  |   | AWG.#28 | 9.8 N {1.0kgf} MIN.               |
| 4-2-3      | ターミナル挿入力<br>Terminal Insertion Force         | 圧着されたターミナルをハウジングに挿入する。<br>Insert the crimped terminal into the housing.   |         | 19.6 N {2.0kgf} MAX.              |
| 4-2-4      | ターミナル保持力<br>Terminal/Housing Retention Force | 圧着されたターミナルをハウジングに装着し、電線を軸方向に毎分 25±3mm の速さで引張る。<br>Apply axial pull out force at the speed rate of 25±3 mm/minute on the terminal assembled in the housing.                              |         | 29.4 N {3.0kgf}MIN.               |

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| 項目<br>Item                            | 条件<br>Test Condition   | 規格<br>Requirement       |
|---------------------------------------|--|-------------------------|
| 4-2-5<br>ピン保持力<br>Pin Retention Force | 毎分 25±3mm の速さでピンを軸方向に押す。<br>Apply axial push force at the speed rate of 25±3mm /minute.          | 19.6 N {2.0kgf} MIN.    |
| 4-2-6<br>ピン強度<br>Pin Strength         | 全ての方向に1分間 4.9N{500gf}の力を加える。<br>When applied a load of 4.9N{500gf}, 1 minute for all directions. | 割れ、折れのなきこと<br>No damage |

### 4-3. その他 Environmental Performance and Others

| 項目<br>Item                                      | 条件<br>Test Condition  | 規格<br>Requirement                               |
|---|---|---|
| 4-3-1<br>繰返し挿抜<br>Repeated Insertion/Withdrawal | 1分間 10回 以下の速さで挿入、抜去を30回(5194PBT(L)は10回) 繰返す。<br>When mated up to 30(5194PBT(L):10) cycles repeatedly by the rate of 10 cycles per minute. | 接触抵抗<br>Contact Resistance<br>20 milliohms MAX. |
| 4-3-2<br>温度上昇<br>Temperature Rise               | コネクタを嵌合させ、最大許容電流を通電し、コネクタの温度上昇分を測定する。(UL 498)<br>Carrying rated current load. (UL 498)  | 温度上昇<br>Temperature rise<br>30 °C MAX.          |

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| 項目<br>Item |                          | 条 件<br>Test Condition  | 規 格<br>Requirement         | 異常なきこと<br>No Damage |
|------------|--------------------------|--|----------------------------|---------------------|
| 4-3-3      | 耐 振 動 性<br>Vibration     | DC 1mA 通電状態にて、嵌合軸を含む互いに垂直な3方向に掃引割合10~55~10 Hz/分 全振幅 1.5mmの振動を各2時間加える。<br>(MIL-STD-202 試験法 201)<br>Amplitude: 1.5mm P-P<br>Sweep time: 10~55~10 Hz in 1 minute<br>Duration: 2 hours in each X.Y.Z. axes<br>(MIL-STD-202 Method 201) | 外 観<br>Appearance          | 異常なきこと<br>No Damage |
|            |                          |  | 接触抵抗<br>Contact Resistance | 20 milliohms MAX.   |
|            |                          |  | 瞬 断<br>Discontinuity       | 1 microsecond MAX   |
| 4-3-4      | 耐 衝 撃 性<br>Shock         | DC 1mA 通電状態にて、嵌合軸を含む互いに垂直な6方向に490m/s <sup>2</sup> {50G}の衝撃を各3回加える。<br>(JIS C0041/MIL-STD-202 試験法213)<br><br>490m/s <sup>2</sup> {50G}, 3 strokes in each X.Y.Z. axes.<br>(JIS C0041MIL-STD-202 Method 213)                         | 外 観<br>Appearance          | 異常なきこと<br>No Damage |
|            |                          |  | 接触抵抗<br>Contact Resistance | 20 milliohms MAX.   |
|            |                          |  | 瞬 断<br>Discontinuity       | 1 microsecond MAX.  |
| 4-3-5      | 耐 熱 性<br>Heat Resistance | コネクタを嵌合させ、105±2°Cの雰囲気中に96時間放置後取り出し、1~2時間室温に放置する。<br>(JIS C0021/MIL-STD-202 試験法108)<br><br>105±2°C, 96 hours<br>(JIS C0021/MIL-STD-202 Method 108)  | 外 観<br>Appearance          | 異常なきこと<br>No Damage |
|            |                          |  | 接触抵抗<br>Contact Resistance | 20 milliohms MAX.   |
| 4-3-6      | 耐 寒 性<br>Cold Resistance | コネクタを嵌合させ、-40±3°Cの雰囲気中に96時間放置後取り出し、1~2時間室温に放置する。<br>(JIS C0020)<br><br>-40±3 °C, 96 hours<br>(JIS C0020)   | 外 観<br>Appearance          | 異常なきこと<br>No Damage |
|            |                          |  | 接触抵抗<br>Contact Resistance | 20 milliohms MAX.   |

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| 項目<br>Item |                               | 条件<br>Test Condition   | 規格<br>Requirement             |                                |
|------------|-------------------------------|--|-------------------------------|--------------------------------|
| 4-3-7      | 耐湿性<br>Humidity               | コネクタを嵌合させ、60±2°C、<br>相対湿度 90 ~ 95%の雰囲気中に<br>96時間 放置後取り出し、<br>1 ~ 2時間 室温に放置する。<br>(JIS C0022/MIL-STD-202 試験法103)<br><br>Temperature: 60±2 °C<br>Relative Humidity: 90 ~ 95%<br>Duration: 96 hours<br>(JIS C0022/MIL-STD-202 Method 103) | 外観<br>Appearance              | 異常なきこと<br>No Damage            |
|            |                               |  | 接触抵抗<br>Contact Resistance    | 20 milliohms MAX.              |
|            |                               |  | 耐電圧<br>Dielectric Strength    | 4-1-3項満足のこと<br>Must meet 4-1-3 |
|            |                               |  | 絶縁抵抗<br>Insulation Resistance | 100 Megohms MIN.               |
| 4-3-8      | 温度サイクル<br>Temperature Cycling | コネクタを嵌合させ、-55°Cに<br>30分、+105°Cに30分これを<br>1サイクルとし、5サイクル繰り返す。<br>但し、温度移行時間は3分以内とする。<br>試験後 1 ~ 2時間 室温に放置する。<br>(JIS C0025)<br><br>5 cycles of:<br>a) - 55 °C 30 minutes<br>b) +105 °C 30 minutes<br>(JIS C0025)                          | 外観<br>Appearance              | 異常なきこと<br>No Damage            |
|            |                               |  | 接触抵抗<br>Contact Resistance    | 20 milliohms MAX.              |

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| 項 目<br>Item |                                | 条 件<br>Test Condition  | 規 格<br>Requirement            |                     |
|-------------|--------------------------------|--|-------------------------------|---------------------|
| 4-3-9       | 塩 水 噴 霧<br>Salt Spray          | コネクタを嵌合させ、 <b>35±2 °C</b> にて<br><b>5±1%</b> 重量比の塩水を <b>48±4</b> 時間<br>噴霧し、試験後常温で水洗いした後、<br>室温で乾燥させる。<br>(JIS C0023/MIL-STD-202 試験法101)<br><br>48±4 hours exposure to a saltspray<br>from the 5±1% solution at 35±2 °C<br>(JIS C0023/ MIL-STD-202 Method 101) | 外 観<br>Appearance             | 異常なきこと<br>No Damage |
|             |                                |  | 接触抵抗<br>Contact<br>Resistance | 20 milliohms MAX.   |
| 4-3-10      | 亜硫酸ガス<br>SO <sub>2</sub> Gas   | コネクタを嵌合させ、 <b>40±2 °C</b> にて<br><b>50±5ppm</b> の亜硫酸ガス中に <b>24</b> 時間<br>放置する。<br>24 hours exposure to 50±5ppm.<br>SO <sub>2</sub> gas at 40±2 °C.  | 外 観<br>Appearance             | 異常なきこと<br>No Damage |
|             |                                |  | 接触抵抗<br>Contact<br>Resistance | 20 milliohms MAX.   |
| 4-3-11      | 耐アンモニア性<br>NH <sub>3</sub> Gas | コネクタを嵌合させ、濃度 <b>28 %</b> の<br>アンモニア水を入れた容器中に<br><b>40</b> 分間 放置する。<br>(1L に対して <b>25mL</b> の割合)<br>40 minutes exposure to NH <sub>3</sub> gas<br>evaporating from 28 % Ammonia<br>solution.  | 外 観<br>Appearance             | 異常なきこと<br>No Damage |
|             |                                |  | 接触抵抗<br>Contact<br>Resistance | 20 milliohms MAX.   |

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| 項目<br>Item |                                       | 条件<br>Test Condition  | 規格<br>Requirement     |  |
|------------|---------------------------------------|---|-----------------------|--|
| 4-3-12     | 半田付け性<br>Solder-ability               | ターミナルまたはピンをフラックスに浸し、本体の取付け基準面より1.2mm迄、230±5℃の半田に3±0.5秒浸す。<br>Soldering Time: 3±0.5 second<br>Solder Temperature: 230±5℃ | 濡れ性<br>Solder Wetting | 浸漬面積の75%以上<br>75% of immersed area must show no voids, pin holes |
| 4-3-13     | 半田耐熱性<br>Resistance to Soldering Heat | ターミナルまたはピンを本体の取付け基準面より1.2mm迄、260±5℃の半田に5±0.5秒浸す。<br>Soldering Time: 5±0.5 second<br>Solder Temperature: 260±5℃          | 外観<br>Appearance      | 端子ガタ、割れ等<br>異状なきこと<br>No Damage                                  |

( ) : 参考規格 Reference Standard

{ } : 参考単位 Reference Unit

[ 5. 外観形状、寸法及び材質 PRODUCT SHAPE, DIMENSIONS AND MATERIALS ]

図面参照 Refer to the drawing.

|  |   |  |  |
|--|---|--|--|
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## [ 6. 挿入力及び抜去力 INSERTION/WITHDRAWAL FORCE ]

| 極数<br>No.<br>of<br>CKT | 単位<br>UNIT | 挿入力 (最大値)<br>Insertion (MAX.) |                 |                 | 抜去力 (最小値)<br>Withdrawal (MIN.) |                 |                 |
|------------------------|------------|-------------------------------|-----------------|-----------------|--------------------------------|-----------------|-----------------|
|                        |            | 初回<br>1st                     | 6回目<br>6th      | 30回目<br>30th    | 初回<br>1st                      | 6回目<br>6th      | 30回目<br>30th    |
| 2                      | N<br>{kgf} | 19.6<br>{2.0}                 | 17.7<br>{1.8}   | 17.7<br>{1.8}   | 2.45<br>{0.25}                 | 2.00<br>{0.20}  | 2.00<br>{0.20}  |
| 3                      | N<br>{kgf} | 29.4<br>{3.0}                 | 25.5<br>{2.6}   | 25.5<br>{2.6}   | 3.92<br>{0.40}                 | 3.00<br>{0.30}  | 3.00<br>{0.30}  |
| 4                      | N<br>{kgf} | 39.2<br>{4.0}                 | 33.4<br>{3.4}   | 33.4<br>{3.4}   | 5.39<br>{0.55}                 | 4.00<br>{0.40}  | 4.00<br>{0.40}  |
| 5                      | N<br>{kgf} | 49.0<br>{5.0}                 | 43.2<br>{4.4}   | 43.2<br>{4.4}   | 6.86<br>{0.70}                 | 4.90<br>{0.50}  | 4.90<br>{0.50}  |
| 6                      | N<br>{kgf} | 58.8<br>{6.0}                 | 51.0<br>{5.2}   | 51.0<br>{5.2}   | 7.84<br>{0.80}                 | 5.90<br>{0.60}  | 5.90<br>{0.60}  |
| 7                      | N<br>{kgf} | 68.6<br>{7.0}                 | 58.8<br>{6.0}   | 58.8<br>{6.0}   | 9.31<br>{0.95}                 | 6.90<br>{0.70}  | 6.90<br>{0.70}  |
| 8                      | N<br>{kgf} | 78.4<br>{8.0}                 | 68.6<br>{7.0}   | 68.6<br>{7.0}   | 10.78<br>{1.10}                | 7.90<br>{0.80}  | 7.90<br>{0.80}  |
| 9                      | N<br>{kgf} | 88.2<br>{9.0}                 | 76.5<br>{7.8}   | 76.5<br>{7.8}   | 12.25<br>{1.25}                | 8.90<br>{0.90}  | 8.90<br>{0.90}  |
| 10                     | N<br>{kgf} | 98.0<br>{10.0}                | 84.3<br>{8.6}   | 84.3<br>{8.6}   | 13.72<br>{1.40}                | 9.80<br>{1.00}  | 9.80<br>{1.00}  |
| 11                     | N<br>{kgf} | 107.8<br>{11.0}               | 93.1<br>{9.5}   | 93.1<br>{9.5}   | 14.7<br>{1.50}                 | 11.27<br>{1.15} | 11.27<br>{1.15} |
| 12                     | N<br>{kgf} | 117.6<br>{12.0}               | 100.0<br>{10.2} | 100.0<br>{10.2} | 16.17<br>{1.65}                | 12.25<br>{1.25} | 12.25<br>{1.25} |
| 13                     | N<br>{kgf} | 127.4<br>{13.0}               | 109.8<br>{11.2} | 109.8<br>{11.2} | 17.64<br>{1.80}                | 13.23<br>{1.35} | 13.23<br>{1.35} |
| 14                     | N<br>{kgf} | 137.2<br>{14.0}               | 117.6<br>{12.0} | 117.6<br>{12.0} | 19.11<br>{1.95}                | 14.21<br>{1.45} | 14.21<br>{1.45} |
| 15                     | N<br>{kgf} | 147.0<br>{15.0}               | 127.4<br>{13.0} | 127.4<br>{13.0} | 20.58<br>{2.10}                | 15.19<br>{1.55} | 15.19<br>{1.55} |

5194T (L) / 5225T (L) 使用時

|  |   |   |
|--|---|---|
| <b>A</b>   | REVISE ON PC ONLY                               | TITLE:<br><br>3.96mm Pitch W-t-B CONN<br><br>製品仕様書  |
|  | J2002-1885<br>RELEASED<br>T.NIITSU<br>'02/02/05 |   |
| REV.   | DESCRIPTION                                     | THIS DOCUMENT CONTAINS INFORMATION THAT IS PROPRIETARY TO<br>MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |
| DOCUMENT NUMBER<br><b>PS-5195-004</b>                        |   | FILENAME<br>PS5195004.LWP   |
| ES-4000-3996 REV. A SHEET 4 95/MAR/10 EC U5-0926 DCBRD03.LWP |   | SHEET<br>9 OF 11  |
|  |   | W to B 1<br>EN-37-1(019)  |



PRODUCT SPECIFICATION



LANGUAGE

JAPANESE  
ENGLISH

| 極数<br>No.<br>of<br>CKT | 単位<br>UNIT | 挿入力 (最大値)<br>Insertion (MAX.) |                 |                 | 抜去力 (最小値)<br>Withdrawal (MIN.) |                 |                 |
|------------------------|------------|-------------------------------|-----------------|-----------------|--------------------------------|-----------------|-----------------|
|                        |            | 初回<br>1st                     | 6回目<br>6th      | 10回目<br>10th    | 初回<br>1st                      | 6回目<br>6th      | 10回目<br>10th    |
| 2                      | N<br>{kgf} | 19.6<br>{2.0}                 | 17.7<br>{1.8}   | 17.7<br>{1.8}   | 2.45<br>{0.25}                 | 2.00<br>{0.20}  | 2.00<br>{0.20}  |
| 3                      | N<br>{kgf} | 29.4<br>{3.0}                 | 25.5<br>{2.6}   | 25.5<br>{2.6}   | 3.92<br>{0.40}                 | 3.00<br>{0.30}  | 3.00<br>{0.30}  |
| 4                      | N<br>{kgf} | 39.2<br>{4.0}                 | 33.4<br>{3.4}   | 33.4<br>{3.4}   | 5.39<br>{0.55}                 | 4.00<br>{0.40}  | 4.00<br>{0.40}  |
| 5                      | N<br>{kgf} | 49.0<br>{5.0}                 | 43.2<br>{4.4}   | 43.2<br>{4.4}   | 6.86<br>{0.70}                 | 4.90<br>{0.50}  | 4.90<br>{0.50}  |
| 6                      | N<br>{kgf} | 58.8<br>{6.0}                 | 51.0<br>{5.2}   | 51.0<br>{5.2}   | 7.84<br>{0.80}                 | 5.90<br>{0.60}  | 5.90<br>{0.60}  |
| 7                      | N<br>{kgf} | 68.6<br>{7.0}                 | 58.8<br>{6.0}   | 58.8<br>{6.0}   | 9.31<br>{0.95}                 | 6.90<br>{0.70}  | 6.90<br>{0.70}  |
| 8                      | N<br>{kgf} | 78.4<br>{8.0}                 | 68.6<br>{7.0}   | 68.6<br>{7.0}   | 10.78<br>{1.10}                | 7.90<br>{0.80}  | 7.90<br>{0.80}  |
| 9                      | N<br>{kgf} | 88.2<br>{9.0}                 | 76.5<br>{7.8}   | 76.5<br>{7.8}   | 12.25<br>{1.25}                | 8.90<br>{0.90}  | 8.90<br>{0.90}  |
| 10                     | N<br>{kgf} | 98.0<br>{10.0}                | 84.3<br>{8.6}   | 84.3<br>{8.6}   | 13.72<br>{1.40}                | 9.80<br>{1.00}  | 9.80<br>{1.00}  |
| 11                     | N<br>{kgf} | 107.8<br>{11.0}               | 93.1<br>{9.5}   | 93.1<br>{9.5}   | 14.7<br>{1.50}                 | 11.27<br>{1.15} | 11.27<br>{1.15} |
| 12                     | N<br>{kgf} | 117.6<br>{12.0}               | 100.0<br>{10.2} | 100.0<br>{10.2} | 16.17<br>{1.65}                | 12.25<br>{1.25} | 12.25<br>{1.25} |
| 13                     | N<br>{kgf} | 127.4<br>{13.0}               | 109.8<br>{11.2} | 109.8<br>{11.2} | 17.64<br>{1.80}                | 13.23<br>{1.35} | 13.23<br>{1.35} |
| 14                     | N<br>{kgf} | 137.2<br>{14.0}               | 117.6<br>{12.0} | 117.6<br>{12.0} | 19.11<br>{1.95}                | 14.21<br>{1.45} | 14.21<br>{1.45} |
| 15                     | N<br>{kgf} | 147.0<br>{15.0}               | 127.4<br>{13.0} | 127.4<br>{13.0} | 20.58<br>{2.10}                | 15.19<br>{1.55} | 15.19<br>{1.55} |

5194PBT (L) 使用時

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| <b>A</b>   | REVISE ON PC ONLY                               | TITLE:<br><br>3.96mm Pitch W-t-B CONN<br><br>製品仕様書   |
|  | J2002-1885<br>RELEASED<br>T.NIITSU<br>'02/02/05 |  |
| REV.   | DESCRIPTION                                     | THIS DOCUMENT CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |
| DOCUMENT NUMBER<br><b>PS-5195-004</b>                        |   | FILENAME<br>PS5195004.LWP  |
| ES-4000-3996 REV. A SHEET 4 95/MAR/10 EC U5-0926 DCBRD03.LWP |   | SHEET<br>10 OF 11  |
|  |   | W to B 1<br>EN-37-1(019)   |

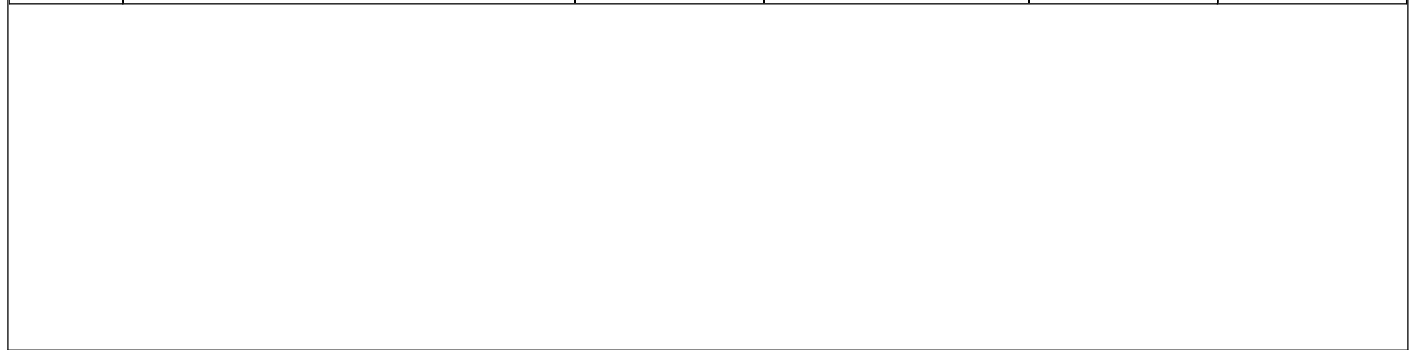


**PRODUCT SPECIFICATION**



LANGUAGE  
JAPANESE  
ENGLISH

| REV. | REV. RECORD             | DATE      | EC NO.     | WRTTN:   | CH'K:     |
|------|-------------------------|-----------|------------|----------|-----------|
| A    | 新規作成<br><b>RELEASED</b> | '02/02/05 | J2002-1885 | T.NIITSU | K.ASAKAWA |
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| <b>A</b> | REVISE ON PC ONLY<br>J2002-1885<br>RELEASED<br>T.NIITSU<br>'02/02/05  | TITLE:<br><br>3.96mm Pitch W-t-B CONN<br><br>製品仕様書 |
|          | THIS DOCUMENT CONTAINS INFORMATION THAT IS PROPRIETARY TO<br>MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |
|          | REV.                      DESCRIPTION   |  |

|                                       |                           |                   |
|---------------------------------------|---------------------------|-------------------|
| DOCUMENT NUMBER<br><b>PS-5195-004</b> | FILENAME<br>PS5195004.LWP | SHEET<br>11 OF 11 |
|---------------------------------------|---------------------------|-------------------|