



# PRODUCT SPECIFICATION



LANGUAGE

JAPANESE  
ENGLISH

## 【1. 適用範囲 SCOPE】

本仕様書は、\_\_\_\_\_ 殿 に納入する  
1.25mmピッチFFC/FPC用コネクタ について規定する。  
 This specification covers the 1.25mm PITCH FFC/FPC CONNECTOR series.

## 【2. 製品名称及び型番 PRODUCT NAME AND PART NUMBER】

| 製品名称<br>Product Name                             | 製品型番<br>Parts Number |
|--------------------------------------------------|----------------------|
| ハウジング アッセンブリ<br>Housing Assembly (STRAIGHT TYPE) | 無鉛<br>LEAD FREE      |
|                                                  | 52044-**45           |

\*\* : 図面参照 Refer to the drawing.

## 【3. 定格 RATINGS】

| 項目<br>Item                          | 規格<br>Standard   |
|-------------------------------------|------------------|
| 最大許容電圧<br>Rated Voltage(MAXIMUM)    | 200 V            |
| 最大許容電流<br>Rated Current(MAXIMUM)    | 1 A              |
| 使用温度範囲<br>Ambient Temperature Range | -40°C ~ +85°C *1 |

\*1 : 通電による温度上昇分も含む。  
 Including terminal temperature rise.

|                                 |                                                   |                                      |                                                                                                                           |                            |                            |                               |                 |
|---------------------------------|---------------------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------|-------------------------------|-----------------|
| REV.                            | C                                                 |                                      |                                                                                                                           |                            |                            |                               |                 |
| SHEET                           | 1~9                                               |                                      |                                                                                                                           |                            |                            |                               |                 |
| REVISE ON PC ONLY               |                                                   | TITLE:<br>1.25mm PITCH FFC/FPC CONN. |                                                                                                                           |                            |                            |                               |                 |
| C                               | 変更<br>REVISED<br>J2003-1115<br>'02/10/22 K.YAMANE |                                      | THIS DOCUMENT CONTAINS INFORMATION THAT IS PROPRIETARY TO<br>MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                            |                            |                               | 製品仕様書           |
|                                 | REV. DESCRIPTION                                  |                                      |                                                                                                                           |                            |                            |                               |                 |
| DESIGN CONTROL<br>J             |                                                   | STATUS                               | WRITTEN<br>BY:<br>K.YAMANE                                                                                                | CHECKED<br>BY:<br>M.TOMITA | APPROVED<br>BY:<br>M.SASAO | DATE: YR/MO/DAY<br>2002/2/5   |                 |
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【4. 性能 PERFORMANCE】

4 - 1. 電気的性能 Electrical Performance

| 項目<br>Item                                | 条件<br>Condition                                                                                                                                                                                                                                          | 規格<br>Standard          |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| 4-1-1<br>接触抵抗<br>Contact<br>Resistance    | 適合FFC/FPCを装着し、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><br>Mate applicable FFC/FPC, measure by dry circuit,<br>20mV MAXIMUM, 10mA.<br>(JIS C5402 5.4)                                                                                        | 30 milliohms<br>MAXIMUM |
| 4-1-2<br>絶縁抵抗<br>Insulation<br>Resistance | 適合FFC/FPCを装着し、隣接するターミナル間<br>及びターミナル、アース間に、DC500Vを印加し測定する。<br>(JIS C5402 5.2/MIL-STD-202 試験法 302)<br><br>Mate applicable FFC/FPC, apply 500V DC<br>between adjacent terminal or ground.<br>(JIS C5402 5.2/MIL-STD-202 Method 302)                         | 500 megaohms<br>MINIMUM |
| 4-1-3<br>耐電圧<br>Dielectric<br>Strength    | 適合FFC/FPCを装着し、隣接するターミナル間及びターミナル、<br>アース間に、AC500V（実効値）を1分間印加する。<br>(JIS C5402 5.1/MIL-STD-202 試験法 301)<br><br>Mate applicable FFC/FPC, apply 500V AC (rms) for 1 minute<br>Between adjacent terminal or ground.<br>(JIS C5402 5.1/MIL-STD-202 Method 301) | 異状なきこと<br>No Breakdown  |

4 - 2. 機械的性能 Mechanical Performance

| 項目<br>Item                                                  | 条件<br>Condition                                                                                                                           | 規格<br>Standard                   |
|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| 4-2-1<br>挿入力及び抜去力<br>Insertion<br>and Withdrawal<br>Force   | 標準ゲージを用いて、毎分25±3mmの速さで挿入、抜去を行う。<br><br>Insert and withdraw the standard gauge at the speed rate<br>of 25±3mm/minute.                      | 第7項参照<br>Refer to paragraph<br>7 |
| 4-2-2<br>ターミナル保持力<br>Terminal/Housing<br>Retention<br>Force | ターミナルを毎分25±3mmの速さで引っ張る。<br><br>Apply axial pull out force at the speed rate of 25±3mm/minute<br>on the terminal assembled in the housing. | 5.9 N {0.60 kgf}<br>MINIMUM      |

|                   |                  |                                      |
|-------------------|------------------|--------------------------------------|
| REVISE ON PC ONLY |                  | TITLE:<br>1.25mm PITCH FFC/FPC CONN. |
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4 - 3. その他 Environmental Performance and Others

| 項目<br>Item |                                                | 条件<br>Condition                                                                                                                                                                                                                   | 規格<br>Standard                |                             |
|------------|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-----------------------------|
| 4-3-1      | 繰り返し挿抜<br>Repeated<br>Insertion/<br>Withdrawal | 1分間に10回以下の速さで挿入、抜去を10回繰り返す。<br>When mated up to 10 cycles repeatedly by the rate of 10 cycles per minute.                                                                                                                         | 接触抵抗<br>Contact<br>Resistance | 50 milliohms<br>MAXIMUM     |
| 4-3-2      | 温度上昇<br>Temperature<br>Rise                    | 適合FFC/FPCを装着し、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。<br>(UL 498)<br>Carrying rated current load.<br>(UL 498)                                                                                                                                 | 温度上昇<br>Temperature<br>Rise   | 30 °C MAXIMUM               |
| 4-3-3      | 耐振動性<br>Vibration                              | DC1mA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10~55~10Hz/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 : 10~55~10Hz 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<br>Resistance | 50 milliohms<br>MAXIMUM     |
|            |                                                |                                                                                                                                                                                                                                   | 瞬断<br>Discontinuity           | 1.0 microseconds<br>MAXIMUM |
| 4-3-4      | 耐衝撃性<br>Shock                                  | DC1mA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>490m/s <sup>2</sup> {50G}, 3 strokes in each X,Y,Z axes.<br>(JIS C0041/MIL-STD-202 Method 213)                             | 外観<br>Appearance              | 異常なきこと<br>No damage         |
|            |                                                |                                                                                                                                                                                                                                   | 接触抵抗<br>Contact<br>Resistance | 50 milliohms<br>MAXIMUM     |
|            |                                                |                                                                                                                                                                                                                                   | 瞬断<br>Discontinuity           | 1.0 microseconds<br>MAXIMUM |
| 4-3-5      | 耐熱性<br>Heat<br>Resistance                      | 適合FFC/FPCを装着し、85±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>85±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<br>Resistance | 50 milliohms<br>MAXIMUM     |
| 4-3-6      | 耐寒性<br>Cold<br>Resistance                      | 適合FFC/FPCを装着し、-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>-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<br>Resistance | 50 milliohms<br>MAXIMUM     |

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1.25mm PITCH FFC/FPC CONN.

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| 項目<br>Item |                               | 条件<br>Condition                                                                                                                                                                                                                      | 規格<br>Standard                |                                |
|------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------------------|
| 4-3-7      | 耐湿性<br>Humidity               | 適合FFC/FPCを装着し、60±2℃、<br>相対湿度90~95%の雰囲気中に96時間<br>放置後取り出し、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℃<br>Relative Humidity : 90~95%<br>Duration : 96hours<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    | 50 milliohms<br>MAXIMUM        |
|            |                               |                                                                                                                                                                                                                                      | 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 | 50 megaohms<br>MINIMUM         |
| 4-3-8      | 温度サイクル<br>Temperature Cycling | 適合FFC/FPCを装填し、-55℃に30分、<br>+85℃に30分、これを1サイクルとし、<br>5サイクル繰り返す。但し、温度移行時間は<br>5分以内とする。試験後、1~2時間室温に<br>放置する。<br>(JIS C0025)<br><br>5 cycles of :<br>a) -55℃ 30minutes<br>b) +85℃ 30minutes<br>(JIS C0025)                                | 外観<br>Appearance              | 異常なきこと<br>No damage            |
|            |                               |                                                                                                                                                                                                                                      | 接触抵抗<br>Contact Resistance    | 50 milliohms<br>MAXIMUM        |
| 4-3-9      | 塩水噴霧<br>Salt Spray            | 適合FFC/FPCを装填し、35±2℃にて<br>5±1%重量比の塩水を 48±4時間噴霧し、<br>試験後、常温で水洗いした後、室温で<br>乾燥させる。<br>(JIS C0023/MIL-STD-202 試験法101)<br><br>48±4hours exposure to a salt spray<br>from the 5±1% solution at 35±2℃.<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 Resistance    | 50 milliohms<br>MAXIMUM        |
| 4-3-10     | 亜硫酸ガス<br>SO <sub>2</sub> Gas  | 適合FFC/FPCを装填し、40±2℃にて<br>50±5ppmの亜硫酸ガス中に24時間放置する。<br><br>24hours exposure to 50±5ppm<br>SO <sub>2</sub> gas at 40±2℃.                                                                                                                | 外観<br>Appearance              | 異常なきこと<br>No damage            |
|            |                               |                                                                                                                                                                                                                                      | 接触抵抗<br>Contact Resistance    | 50 milliohms<br>MAXIMUM        |

|                   |                  |                                                                                                                        |       |
|-------------------|------------------|------------------------------------------------------------------------------------------------------------------------|-------|
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| 項目<br>Item |                                       | 条件<br>Condition                                                                                                                                                                            | 規格<br>Standard             |                                                                  |
|------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------------------------------------------------|
| 4-3-11     | 耐アンモニア性<br>NH <sub>3</sub> Gas        | 適合FFC/FPCを装填し、濃度28%のアンモニア水を入れた容器中に40分間放置する。<br>(1Lに対して25mLの割合)<br><br>40 minutes exposure to NH <sub>3</sub> gas evaporating from 28% Ammonia solution.                                    | 外観<br>Appearance           | 異状なきこと<br>No damage                                              |
|            |                                       |                                                                                                                                                                                            | 接触抵抗<br>Contact Resistance | 50 milliohms<br>MAXIMUM                                          |
| 4-3-12     | 半田付け性<br>Solderability                | ターミナルまたはピンをフラックスに浸し、本体の取り付け基準面より1.6mm迄、255±5°Cの半田に3+0/-1秒浸す。<br><br>Dip terminal and pin into the molten solder (held at 255±5°C) up to 1.6mm from the standard surface for 3+0/-1seconds. | 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り付け、基準面より1.6mm迄、260±5°Cの半田に10±1秒浸す。<br><br>Dip terminal and pin into the molten solder (held at 260±5°C) up to 1.6mm from the standard surface for 10±1seconds.             | 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.

【6. 適合導体 APPLICABLE CONDUCTOR】

錫または半田メッキ (1µm以上) 軟銅箔

Soft copper foil, tin or solder plating (1 micrometer MINIMUM).

|                                        |                  |                                                                                                                        |                 |
|----------------------------------------|------------------|------------------------------------------------------------------------------------------------------------------------|-----------------|
| REVISE ON PC ONLY                      |                  | TITLE:<br>1.25mm PITCH FFC/FPC CONN.                                                                                   | 製品仕様書           |
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## 【7. 挿入力及び抜去力 INSERTION AND WITHDRAWAL FORCE】

挿入力及び抜去力を下記の標準ゲージを使用した場合において規定する。

Insertion and withdrawal force are specified using with the following standard gauge.

標準ゲージ Standard Gauge : 材料 Material : SKS - 3 (熱処理済 Heat treatment)  
 厚さ Thickness : 0.3±0.005 (mm)  
 仕上げ Finish : 上仕上げ G  
 幅 Width : 1.25×N+0.5 (mm)  
 研磨方向 Grinding direction : 挿抜方向 Mating Direction

| 極数<br>No. of<br>CKT. | 単位<br>UNIT | 挿入力 (最大値)<br>INSERTION FORCE (MAXIMUM) |                |                | 抜去力 (最小値)<br>WITHDRAWAL FORCE (MINIMUM) |               |               |
|----------------------|------------|----------------------------------------|----------------|----------------|-----------------------------------------|---------------|---------------|
|                      |            | 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  |
| 3                    | N<br>{kgf} | 5.2<br>{0.54}                          | 5.2<br>{0.54}  | 5.2<br>{0.54}  | 0.6<br>{0.06}                           | 0.6<br>{0.06} | 0.6<br>{0.06} |
| 4                    | N<br>{kgf} | 7.0<br>{0.72}                          | 7.0<br>{0.72}  | 7.0<br>{0.72}  | 0.8<br>{0.08}                           | 0.8<br>{0.08} | 0.8<br>{0.08} |
| 5                    | N<br>{kgf} | 8.8<br>{0.90}                          | 8.8<br>{0.90}  | 8.8<br>{0.90}  | 1.0<br>{0.10}                           | 1.0<br>{0.10} | 1.0<br>{0.10} |
| 6                    | N<br>{kgf} | 10.5<br>{1.08}                         | 10.5<br>{1.08} | 10.5<br>{1.08} | 1.2<br>{0.12}                           | 1.2<br>{0.12} | 1.2<br>{0.12} |
| 7                    | N<br>{kgf} | 12.3<br>{1.26}                         | 12.3<br>{1.26} | 12.3<br>{1.26} | 1.4<br>{0.14}                           | 1.4<br>{0.14} | 1.4<br>{0.14} |
| 8                    | N<br>{kgf} | 14.1<br>{1.44}                         | 14.1<br>{1.44} | 14.1<br>{1.44} | 1.6<br>{0.16}                           | 1.6<br>{0.16} | 1.6<br>{0.16} |
| 9                    | N<br>{kgf} | 15.8<br>{1.62}                         | 15.8<br>{1.62} | 15.8<br>{1.62} | 1.8<br>{0.18}                           | 1.8<br>{0.18} | 1.8<br>{0.18} |
| 10                   | N<br>{kgf} | 17.6<br>{1.80}                         | 17.6<br>{1.80} | 17.6<br>{1.80} | 2.0<br>{0.20}                           | 2.0<br>{0.20} | 2.0<br>{0.20} |
| 11                   | N<br>{kgf} | 19.4<br>{1.98}                         | 19.4<br>{1.98} | 19.4<br>{1.98} | 2.2<br>{0.22}                           | 2.2<br>{0.22} | 2.2<br>{0.22} |
| 12                   | N<br>{kgf} | 21.1<br>{2.16}                         | 21.1<br>{2.16} | 21.1<br>{2.16} | 2.4<br>{0.24}                           | 2.4<br>{0.24} | 2.4<br>{0.24} |
| 13                   | N<br>{kgf} | 22.9<br>{2.34}                         | 22.9<br>{2.34} | 22.9<br>{2.34} | 2.6<br>{0.26}                           | 2.6<br>{0.26} | 2.6<br>{0.26} |
| 14                   | N<br>{kgf} | 24.6<br>{2.52}                         | 24.6<br>{2.52} | 24.6<br>{2.52} | 2.8<br>{0.28}                           | 2.8<br>{0.28} | 2.8<br>{0.28} |
| 15                   | N<br>{kgf} | 26.4<br>{2.70}                         | 26.4<br>{2.70} | 26.4<br>{2.70} | 3.0<br>{0.30}                           | 3.0<br>{0.30} | 3.0<br>{0.30} |

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| 極数<br>No. of<br>CKT. | 単位<br>UNIT | 挿入力 (最大値)<br>INSERTION FORCE (MAXIMUM) |                |                | 抜去力 (最小値)<br>WITHDRAWAL FORCE (MINIMUM) |               |               |
|----------------------|------------|----------------------------------------|----------------|----------------|-----------------------------------------|---------------|---------------|
|                      |            | 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  |
| 16                   | N<br>{kgf} | 28.2<br>{2.88}                         | 28.2<br>{2.88} | 28.2<br>{2.88} | 3.2<br>{0.32}                           | 3.2<br>{0.32} | 3.2<br>{0.32} |
| 17                   | N<br>{kgf} | 29.9<br>{3.06}                         | 29.9<br>{3.06} | 29.9<br>{3.06} | 3.4<br>{0.34}                           | 3.4<br>{0.34} | 3.4<br>{0.34} |
| 18                   | N<br>{kgf} | 31.7<br>{3.24}                         | 31.7<br>{3.24} | 31.7<br>{3.24} | 3.6<br>{0.36}                           | 3.6<br>{0.36} | 3.6<br>{0.36} |
| 19                   | N<br>{kgf} | 33.5<br>{3.42}                         | 33.5<br>{3.42} | 33.5<br>{3.42} | 3.8<br>{0.38}                           | 3.8<br>{0.38} | 3.8<br>{0.38} |
| 20                   | N<br>{kgf} | 35.2<br>{3.60}                         | 35.2<br>{3.60} | 35.2<br>{3.60} | 4.0<br>{0.40}                           | 4.0<br>{0.40} | 4.0<br>{0.40} |
| 21                   | N<br>{kgf} | 37.0<br>{3.78}                         | 37.0<br>{3.78} | 37.0<br>{3.78} | 4.2<br>{0.42}                           | 4.2<br>{0.42} | 4.2<br>{0.42} |
| 22                   | N<br>{kgf} | 38.8<br>{3.96}                         | 38.8<br>{3.96} | 38.8<br>{3.96} | 4.4<br>{0.44}                           | 4.4<br>{0.44} | 4.4<br>{0.44} |
| 23                   | N<br>{kgf} | 40.5<br>{4.14}                         | 40.5<br>{4.14} | 40.5<br>{4.14} | 4.5<br>{0.46}                           | 4.5<br>{0.46} | 4.5<br>{0.46} |
| 24                   | N<br>{kgf} | 42.3<br>{4.32}                         | 42.3<br>{4.32} | 42.3<br>{4.32} | 4.7<br>{0.48}                           | 4.7<br>{0.48} | 4.7<br>{0.48} |
| 25                   | N<br>{kgf} | 44.1<br>{4.50}                         | 44.1<br>{4.50} | 44.1<br>{4.50} | 4.9<br>{0.50}                           | 4.9<br>{0.50} | 4.9<br>{0.50} |
| 26                   | N<br>{kgf} | 45.8<br>{4.68}                         | 45.8<br>{4.68} | 45.8<br>{4.68} | 5.1<br>{0.52}                           | 5.1<br>{0.52} | 5.1<br>{0.52} |
| 27                   | N<br>{kgf} | 47.6<br>{4.86}                         | 47.6<br>{4.86} | 47.6<br>{4.86} | 5.3<br>{0.54}                           | 5.3<br>{0.54} | 5.3<br>{0.54} |
| 28                   | N<br>{kgf} | 49.3<br>{5.04}                         | 49.3<br>{5.04} | 49.3<br>{5.04} | 5.5<br>{0.56}                           | 5.5<br>{0.56} | 5.5<br>{0.56} |
| 29                   | N<br>{kgf} | 51.1<br>{5.22}                         | 51.1<br>{5.22} | 51.1<br>{5.22} | 5.7<br>{0.58}                           | 5.7<br>{0.58} | 5.7<br>{0.58} |
| 30                   | N<br>{kgf} | 52.9<br>{5.40}                         | 52.9<br>{5.40} | 52.9<br>{5.40} | 5.9<br>{0.60}                           | 5.9<br>{0.60} | 5.9<br>{0.60} |
| 31                   | N<br>{kgf} | 54.6<br>{5.58}                         | 54.6<br>{5.58} | 54.6<br>{5.58} | 6.1<br>{0.62}                           | 6.1<br>{0.62} | 6.1<br>{0.62} |
| 32                   | N<br>{kgf} | 56.4<br>{5.76}                         | 56.4<br>{5.76} | 56.4<br>{5.76} | 6.3<br>{0.64}                           | 6.3<br>{0.64} | 6.3<br>{0.64} |
| 33                   | N<br>{kgf} | 58.2<br>{5.94}                         | 58.2<br>{5.94} | 58.2<br>{5.94} | 6.5<br>{0.66}                           | 6.5<br>{0.66} | 6.5<br>{0.66} |
| 34                   | N<br>{kgf} | 59.9<br>{6.12}                         | 59.9<br>{6.12} | 59.9<br>{6.12} | 6.7<br>{0.68}                           | 6.7<br>{0.68} | 6.7<br>{0.68} |
| 35                   | N<br>{kgf} | 61.7<br>{6.30}                         | 61.7<br>{6.30} | 61.7<br>{6.30} | 6.9<br>{0.70}                           | 6.9<br>{0.70} | 6.9<br>{0.70} |

REVISE ON PC ONLY

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SEE SHEET 1 OF 9

TITLE:

1.25mm PITCH FFC/FPC CONN.

製品仕様書

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REV.

DESCRIPTION

DOCUMENT NUMBER

PS-52044-002

FILE NAME

PS-52044-002.doc

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EN-37-1(019)



PRODUCT SPECIFICATION



LANGUAGE

JAPANESE  
ENGLISH

| 極数<br>No. of<br>CKT. | 単位<br>UNIT | 挿入力 (最大値)<br>INSERTION FORCE (MAXIMUM) |                |                | 抜去力 (最小値)<br>WITHDRAWAL FORCE (MINIMUM) |               |               |
|----------------------|------------|----------------------------------------|----------------|----------------|-----------------------------------------|---------------|---------------|
|                      |            | 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  |
| 36                   | N<br>{kgf} | 63.5<br>{6.48}                         | 63.5<br>{6.48} | 63.5<br>{6.48} | 7.1<br>{0.72}                           | 7.1<br>{0.72} | 7.1<br>{0.72} |
| 37                   | N<br>{kgf} | 65.2<br>{6.66}                         | 65.2<br>{6.66} | 65.2<br>{6.66} | 7.3<br>{0.74}                           | 7.3<br>{0.74} | 7.3<br>{0.74} |
| 38                   | N<br>{kgf} | 67.0<br>{6.84}                         | 67.0<br>{6.84} | 67.0<br>{6.84} | 7.5<br>{0.76}                           | 7.5<br>{0.76} | 7.5<br>{0.76} |
| 39                   | N<br>{kgf} | 68.7<br>{7.02}                         | 68.7<br>{7.02} | 68.7<br>{7.02} | 7.7<br>{0.78}                           | 7.7<br>{0.78} | 7.7<br>{0.78} |
| 40                   | N<br>{kgf} | 70.5<br>{7.20}                         | 70.5<br>{7.20} | 70.5<br>{7.20} | 7.9<br>{0.80}                           | 7.9<br>{0.80} | 7.9<br>{0.80} |

REVISE ON PC ONLY

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SEE SHEET 1 OF 9

TITLE:

1.25mm PITCH FFC/FPC CONN.

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REV.

DESCRIPTION

DOCUMENT NUMBER

**PS-52044-002**

FILE NAME

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EN-37-1(019)





PRODUCT SPECIFICATION



LANGUAGE

JAPANESE  
ENGLISH

| REV. | REV. RECORD | DATE      | EC NO.     | WRITTN:  | CH'K:    |
|------|-------------|-----------|------------|----------|----------|
| A    | REVISED     | '02/2/5   | J2002-1882 | K.YAMANE | M.TOMITA |
| B    | REVISED     | '02/2/26  | J2002-2116 | K.YAMANE | M.TOMITA |
| C    | REVISED     | '02/10/22 | J2003-1115 | K.YAMANE | M.TOMITA |
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| <b>C</b>                               | SEE SHEET 1 OF 9 |                                                   |                                                                                                                        |
| REV.                                   | DESCRIPTION      |                                                   |                                                                                                                        |
| DOCUMENT NUMBER<br><b>PS-52044-002</b> |                  | FILE NAME<br>PS-52044-002.doc                     | SHEET<br>9 OF 9                                                                                                        |
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