



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |               |                  |                 |                 |                         |            |               |   |   |   |   |   |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|------------------|-----------------|-----------------|-------------------------|------------|---------------|---|---|---|---|---|---|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 13            | 12            | 11               | 10              | 9               | 8                       | 7          | 6             | 5 | 4 | 3 | 2 | 1 |   |
| J                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ENG. NO.      | PIN NO.       | DIM. L           | DIM. X          | DIM. Z          | DIM. G TYP<br>BOTH ENDS |            |               |   |   |   |   |   | J |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A-2220-NA197  | 43294-0832    | (35.05)<br>.1380 | (16.00)<br>.630 | (16.13)<br>.635 | N/A                     |            |               |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A-2220-NA502  | 43294-0833    | (35.05)<br>.1380 | (16.00)<br>.630 | (16.13)<br>.635 | (6.85)<br>.270          |            |               |   |   |   |   |   |   |
| I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | A-2220-NAB502 | 43294-1100    | (42.42)<br>.1670 | (16.89)<br>.665 | (22.61)<br>.890 | (7.62)<br>.300          |            |               |   |   |   |   |   | I |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A-2220-NB197  | 43294-1147    | (44.45)<br>.1750 | (18.24)<br>.718 | (23.29)<br>.917 | N/A                     |            |               |   |   |   |   |   |   |
| H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |               |                  |                 |                 |                         |            |               |   |   |   |   |   | H |
| G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | A-2220-NA197  | A-2220-NA502  | A-2220-NAB502    | A-2220-NB197    |                 |                         |            |               |   |   |   |   |   | G |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PART NO.      | ENG. NO.      | PART NO.         | ENG. NO.        | PART NO.        | ENG. NO.                | PART NO.   | ENG. NO.      |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 09-57-1025    | A-2220-2A197  | 09-78-1021       | A-2220-2A502    |                 | A-2220-2AB502           | 09-57-1026 | A-2220-2B197  |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 09-57-1035    | A-2220-3A197  | 09-78-1031       | A-2220-3A502    |                 | A-2220-3AB502           | 09-57-1036 | A-2220-3B197  |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 09-57-1045    | A-2220-4A197  | 09-78-1041       | A-2220-4A502    |                 | A-2220-4AB502           | 09-57-1046 | A-2220-4B197  |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 09-57-1055    | A-2220-5A197  | 09-78-1051       | A-2220-5A502    |                 | A-2220-5AB502           | 09-57-1056 | A-2220-5B197  |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 09-57-1065    | A-2220-6A197  | 09-78-1061       | A-2220-6A502    | 09-78-1067      | A-2220-6AB502           | 09-57-1066 | A-2220-6B197  |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 09-57-1075    | A-2220-7A197  | 09-78-1071       | A-2220-7A502    |                 | A-2220-7AB502           | 09-57-1076 | A-2220-7B197  |   |   |   |   |   |   |
| F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 09-57-1085    | A-2220-8A197  | 09-78-1081       | A-2220-8A502    | 09-78-1087      | A-2220-8AB502           | 09-57-1086 | A-2220-8B197  |   |   |   |   |   | F |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 09-57-1095    | A-2220-9A197  | 09-78-1091       | A-2220-9A502    |                 | A-2220-9AB502           | 09-57-1096 | A-2220-9B197  |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 09-57-1105    | A-2220-10A197 | 09-78-1101       | A-2220-10A502   | 09-78-1107      | A-2220-10AB502          | 09-57-1106 | A-2220-10B197 |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 09-57-1115    | A-2220-11A197 | 09-78-1111       | A-2220-11A502   |                 | A-2220-11AB502          | 09-57-1116 | A-2220-11B197 |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 09-57-1125    | A-2220-12A197 | 09-78-1121       | A-2220-12A502   | 09-78-1127      | A-2220-12AB502          | 09-57-1126 | A-2220-12B197 |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 09-57-1135    | A-2220-13A197 | 09-78-1131       | A-2220-13A502   |                 | A-2220-13AB502          | 09-57-1136 | A-2220-13B197 |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 09-57-1145    | A-2220-14A197 | 09-78-1141       | A-2220-14A502   |                 | A-2220-14AB502          | 09-57-1146 | A-2220-14B197 |   |   |   |   |   |   |
| E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 09-57-1155    | A-2220-15A197 | 09-78-1151       | A-2220-15A502   | 09-78-1157      | A-2220-15AB502          | 09-57-1156 | A-2220-15B197 |   |   |   |   |   | E |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 09-57-1165    | A-2220-16A197 | 09-78-1161       | A-2220-16A502   |                 | A-2220-16AB502          | 09-57-1166 | A-2220-16B197 |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 09-57-1175    | A-2220-17A197 | 09-78-1171       | A-2220-17A502   |                 | A-2220-17AB502          | 09-57-1176 | A-2220-17B197 |   |   |   |   |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 09-57-1185    | A-2220-18A197 | 09-78-1181       | A-2220-18A502   |                 | A-2220-18AB502          | 09-57-1186 | A-2220-18B197 |   |   |   |   |   |   |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |               |                  |                 |                 |                         |            |               |   |   |   |   |   | D |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |               |                  |                 |                 |                         |            |               |   |   |   |   |   | C |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |               |                  |                 |                 |                         |            |               |   |   |   |   |   | B |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |               |                  |                 |                 |                         |            |               |   |   |   |   |   | A |
| <div><div><div>ADD PN CHART<br/>EC NO: UCP2013-1310<br/>2012/10/02<br/>DRWN:KIPPER<br/>CHKD:SSOUSEK<br/>2012/10/02<br/>APPR:FSMITH<br/>2012/10/09</div><div>DESCRIPTION</div><div>REV</div></div><div><div>QUALITY SYMBOLS<br/>▽=0<br/>▽=0<br/>▽=0</div><div>GENERAL TOLERANCES (UNLESS SPECIFIED)<br/>mmINCH<br/>4 PLACES±---±---<br/>3 PLACES±---±---<br/>2 PLACES±---±---<br/>1 PLACE±---±---<br/>0 PLACE±±<br/>ANGULAR ±1/2°<br/>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</div><div><div>DIMENSION STYLE<br/>MM/IN<br/>DRAWN BY DATE<br/>KSS1984/10/30<br/>CHECKED BY DATE<br/>DMS1984/10/30<br/>APPROVED BY DATE<br/>FSMITH2012/01/06<br/>MATERIAL NO.<br/>DOCUMENT NO.<br/>SHEET NO.<br/>2 OF 2</div><div>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</div></div></div></div> <div><div>WAFER ASSEMBLY<br/>CHASSIS MOUNT, KK<br/>2220 SERIES DWG.<br/>molex<br/>SDA-2220</div></div> <div><div>1b_frame_C_P_AM_T<br/>Rev. G 2012/01/11</div><div>12</div><div>11</div><div>10</div><div>9</div><div>8</div><div>7</div><div>6</div><div>5</div><div>4</div><div>3</div><div>2</div><div>1</div></div> |               |               |                  |                 |                 |                         |            |               |   |   |   |   |   |   |

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