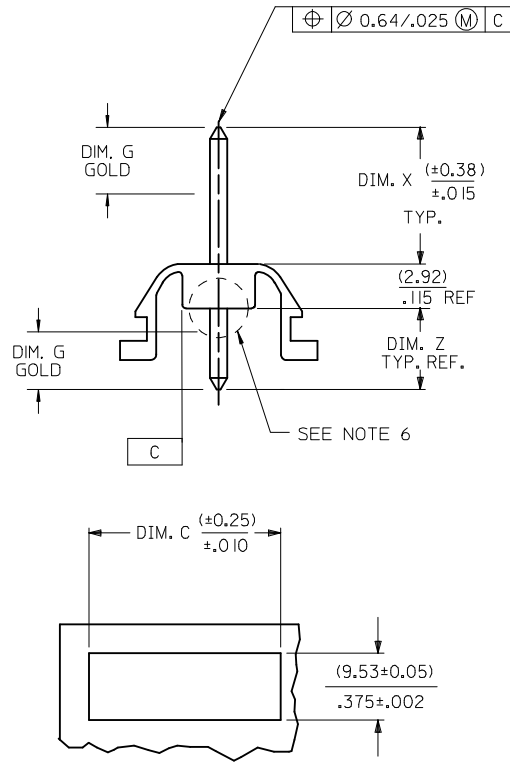
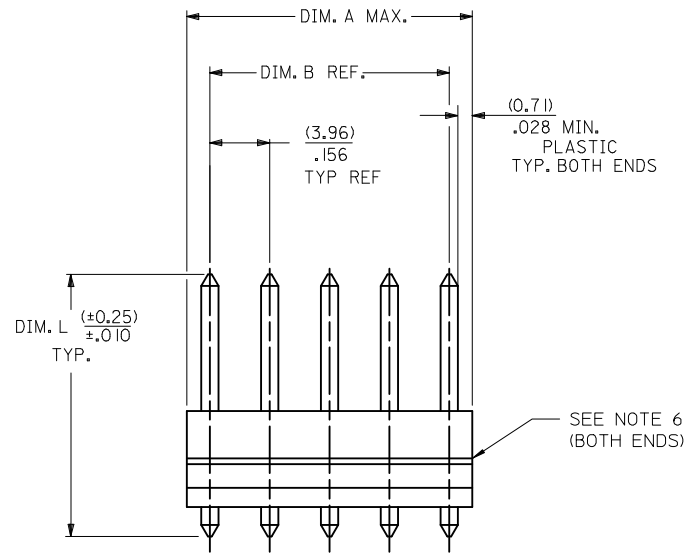


| NO. OF CKTS. | DIM. A MAX. | DIM. B REF. | DIM. C |
|--------------|-------------|-------------|-----------|
| 2 | (7.37) | (3.96) | (7.67) |
| | .290 | .156 | .302 |
| 3 | (11.33) | (7.92) | (11.63) |
| | .446 | .312 | .458 |
| 4 | (15.29) | (11.89) | (15.60) |
| | .602 | .468 | .614 |
| 5 | (19.25) | (15.85) | (19.56) |
| | .758 | .624 | .770 |
| 6 | (23.22) | (19.81) | (23.52) |
| | .914 | .780 | .926 |
| 7 | (27.18) | (23.77) | (27.48) |
| | 1.070 | .936 | 1.080 |
| 8 | (31.14) | (27.74) | (31.45) |
| | 1.226 | 1.092 | 1.238 |
| 9 | (35.10) | (31.70) | (35.41) |
| | 1.382 | 1.248 | 1.394 |
| 10 | (39.07) | (35.66) | (39.37) |
| | 1.538 | 1.404 | 1.550 |
| 11 | (43.03) | (39.62) | (43.33) |
| | 1.694 | 1.560 | 1.706 |
| 12 | (46.99) | (43.59) | (47.29) |
| | 1.850 | 1.716 | 1.862 |
| 13 | (50.95) | (47.55) | (51.26) |
| | 2.006 | 1.872 | 2.018 |
| 14 | (54.91) | (51.51) | (55.22) |
| | 2.162 | 2.028 | 2.174 |
| 15 | (58.88) | (55.47) | (59.18) |
| | 2.318 | 2.184 | 2.330 |
| 16 | (62.84) | (59.44) | (63.14) |
| | 2.474 | 2.340 | 2.486 |
| 17 | (66.80) | (63.40) | (67.11) |
| | 2.630 | 2.496 | 2.642 |
| 18 | (70.76) | (67.36) | (71.07) |
| | 2.786 | 2.652 | 2.798 |
| 19 | (74.65) | (71.32) | (74.96) |
| | 2.939 | 2.808 | 2.951 |
| 20 | (78.61) | (75.29) | (78.92) |
| | 3.095 | 2.964 | 3.107 |



PANEL OPENNING
(1.57±.03) / .062±.001 THK.

▽ PARTS MUST SNAP INTO ABOVE PCB



A-2220-N * * *
NO. OF CKTS. ↑ ↑ ↑
PACKAGING
BLANK = PER PK-2220-002
A = PER PK-44646-005

VERSION ———
LETTER CHANGES WHEN
PIN NO. OR PRESS
DIM. CHANGES

PLATING CODE
SEE NOTE 2

NOTES:

- MATERIAL: UNFILLED NYLON 6/6, UL94V-2, MOLDED NATURAL.
- FINISH: SEE LEGEND
 (197) - OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN.
 OVER 0.00127/.000050 MIN. NICKEL
 (502) - SELECT GOLD: 0.00051/.000020 MIN.
 OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
- PARTS CONFORM TO PRODUCT SPECIFICATION PS-08-50.
- PACKAGING INFORMATION: SEE LEGEND.
- PIN PUSHOUT FORCE: PRIOR TO SOLDERING, A 3 POUND MINIMUM FORCE (IN EITHER DIRECTION) SHALL BE REQUIRED TO PUSH THE PIN OUT OF THE HEADER.
- THIS PART CONFORMS TO CLASS C REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002. BURRS OR PROTRUSIONS ON HOUSING ARE ALLOWED IN PIN INSERTION AREA AND ON ENDS OF PART IF WITHIN DIMENSION A.

| | | | | | | | | | |
|---|--|--------------------------------------|---------------------------------------|-----------------------|---------------------------|---|--|----------------------|------------------------|
| ADD NOTE 6 EC NO: UCP2013-1310 DRWN:KIPPER CHKD:SSOUSEK APPR:FSMITH | 2012/10/02 2012/10/02 2012/10/09 | QUALITY SYMBOLS ▽=0 ▽=1 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM/IN | | SCALE --- | DESIGN UNITS INCH | THIRD ANGLE PROJECTION |
| | | | mm | INCH | DRAWN BY KSS | DATE 1984/10/30 | TITLE WAFER ASSEMBLY CHASSIS MOUNT, KK 2220 SERIES DWG. | | |
| S1 | REV | DESCRIPTION | 4 PLACES ± --- ± --- | CHECKED BY DMS | DATE 1984/10/30 | molex DOCUMENT NO. SDA-2220 SHEET NO. 1 OF 2 | | | |
| | | | 3 PLACES ± --- ± --- | APPROVED BY FSMITH | DATE 2012/01/06 | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | ANGULAR ±1/2° | | MATERIAL NO. SEE CHART | | | | |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | |

| 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|---------------|------------|------------------|-----------------|-----------------|----------------------|---|---|---|---|---|---|---|
| ENG. NO. | PIN NO. | DIM. L | DIM. X | DIM. Z | DIM. G TYP BOTH ENDS | | | | | | | |
| A-2220-NA197 | 43294-0832 | (35.05) 1.380 | (16.00) .630 | (16.13) .635 | N/A | | | | | | | |
| A-2220-NA502 | 43294-0833 | (35.05) 1.380 | (16.00) .630 | (16.13) .635 | (6.85) .270 | | | | | | | |
| A-2220-NAB502 | 43294-1100 | (42.42) 1.670 | (16.89) .665 | (22.61) .890 | (7.62) .300 | | | | | | | |
| A-2220-NB197 | 43294-1147 | (44.45) 1.750 | (18.24) .718 | (23.29) .917 | N/A | | | | | | | |

| A-2220-NA197 | | A-2220-NA502 | | A-2220-NAB502 | | A-2220-NB197 | |
|--------------|---------------|--------------|---------------|---------------|----------------|--------------|---------------|
| 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 |
| 09-57-1085 | A-2220-8A197 | 09-78-1081 | A-2220-8A502 | 09-78-1087 | A-2220-8AB502 | 09-57-1086 | A-2220-8B197 |
| 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 |
| 09-57-1155 | A-2220-15A197 | 09-78-1151 | A-2220-15A502 | 09-78-1157 | A-2220-15AB502 | 09-57-1156 | A-2220-15B197 |
| 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 |

| | | | | | | | | | | |
|---|-------------------|--------------------------------------|--|---|---------------------------------|--------------------|---|--------------------------|------------------------|--|
| ADD PN CHART EC NO: UCP2013-1310 DRWN:KIPPER 2012/10/02 CHKD:SSOUSEK 2012/10/02 APPR:FSMITH 2012/10/09 | DESCRIPTION S1 | QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM/IN | | SCALE --- | DESIGN UNITS INCH | THIRD ANGLE PROJECTION | |
| | | | 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 0 PLACE ± ± | mm INCH ± --- ± --- ± --- ± --- ± --- ± --- ± ± | DRAWN BY KSS | DATE 1984/10/30 | TITLE WAFER ASSEMBLY CHASSIS MOUNT, KK 2220 SERIES DWG. | | | |
| | | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | CHECKED BY DMS | DATE 1984/10/30 | | | | |
| | | | ANGULAR ±1/2° | | APPROVED BY FSMITH | DATE 2012/01/06 | MATERIAL NO. SEE CHART | DOCUMENT NO. SDA-2220 | SHEET NO. 2 OF 2 | |

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