



- 1 0.00076 [.000030] GOLD IN LOCALIZED PLATE AREA
0.00381 [.000150] TIN-LEAD ON SOLDER TAILS
ALL OVER 0.00127 [.000050] NICKEL
- 2 USE 1.32±0.02 [.0520±.0010] DRILLED HOLE (#55 DRILL)
FINISH TO BE TIN/LEAD OVER 0.02 [.001] MIN COPPER
- 3 PLATING: 0.0038 [.000150] TIN-LEAD OVER 0.00127 [.000050] NICKEL
- 4 IF PLANNING TO USE MORE THAN ONE MATING PAIR OF CONNECTORS
TO INTERCONNECT 2 BOARDS, PLEASE REFER TO "SPACING"
PARAGRAPH IN THE APPLICATION SPEC, #114-7010
- 5 HOUSING: LCP, COLOR:BLACK.
CONTACT: COPPER ALLOY PER ASTM SPECIFICATION B422.
HOLDDOWN: COPPER ALLOY PER ASTM SPECIFICATION B194.
- 6 0.00076 [.000030] GOLD IN LOCALIZED PLATE AREA
0.00381 [.000150] TIN ON SOLDER TAILS
ALL OVER 0.00127 [.000050] NICKEL
- 7 USE 1.32±0.02 [.0520±.0010] DRILLED HOLE (#55 DRILL)
FINISH TO BE TIN OVER 0.02 [.001] MIN COPPER
- 8 PLATING: 0.0038 [.000150] TIN OVER 0.00127 [.000050] NICKEL
- 9 PRELIMINARY PART - NOT RELEASED FOR PRODUCTION.

| | | | | | | | |
|--------|-------|--------|-------|-------|----|-----------|-------------|
| 6/8 | 11.93 | 5.97 | 14.63 | 10.56 | 7 | 16 | 6-104652-1 |
| 6/8 | 65.28 | 32.640 | 67.97 | 63.91 | 49 | 100 | 6-104652-0 |
| 6/8 | 58.93 | 29.46 | 61.62 | 57.56 | 44 | 90 | 5-104652-9 |
| 6/8 | 2.320 | 1.160 | 2.426 | 2.266 | 39 | 80 | 5-104652-8 |
| 6/8 | 52.58 | 26.290 | 55.27 | 51.21 | 34 | 70 | 5-104652-7 |
| 6/8 | 2.070 | 1.035 | 2.176 | 2.016 | 29 | 60 | 5-104652-6 |
| 6/8 | 46.23 | 23.11 | 48.92 | 44.86 | 24 | 50 | 5-104652-5 |
| 6/8 | 1.820 | 0.910 | 1.926 | 1.766 | 19 | 40 | 5-104652-4 |
| 6/8 | 39.88 | 19.940 | 42.57 | 38.51 | 14 | 30 | 5-104652-3 |
| 6/8 | 1.570 | 0.785 | 1.676 | 1.516 | 9 | 20 | 5-104652-2 |
| 6/8 | 33.53 | 16.76 | 36.22 | 32.16 | 4 | 10 | 5-104652-1 |
| 6/8 | 1.320 | 0.660 | 1.426 | 1.266 | | | |
| 6/8 | 27.18 | 13.590 | 29.87 | 25.81 | | | |
| 6/8 | 1.070 | 0.535 | 1.176 | 1.016 | | | |
| 6/8 | 20.83 | 10.41 | 23.52 | 19.46 | | | |
| 6/8 | 0.820 | 0.410 | 0.926 | 0.766 | | | |
| 6/8 | 14.48 | 7.240 | 17.17 | 13.11 | | | |
| 6/8 | 0.570 | 0.285 | 0.676 | 0.516 | | | |
| 6/8 | 8.12 | 4.06 | 10.82 | 6.75 | | | |
| 6/8 | 0.320 | 0.160 | 0.426 | 0.266 | | | |
| 1/3 | 11.93 | 5.97 | 14.63 | 10.56 | 7 | 16 | 1-104652-1 |
| 1/3 | 65.28 | 32.640 | 67.97 | 63.91 | 49 | 100 | 1-104652-0 |
| 1/3 | 58.93 | 29.46 | 61.62 | 57.56 | 44 | 90 | 104652-9 |
| 1/3 | 2.320 | 1.160 | 2.426 | 2.266 | 39 | 80 | 104652-8 |
| 1/3 | 52.58 | 26.290 | 55.27 | 51.21 | 34 | 70 | 104652-7 |
| 1/3 | 2.070 | 1.035 | 2.176 | 2.016 | 29 | 60 | 104652-6 |
| 1/3 | 46.23 | 23.11 | 48.92 | 44.86 | 24 | 50 | 104652-5 |
| 1/3 | 1.820 | 0.910 | 1.926 | 1.766 | 19 | 40 | 104652-4 |
| 1/3 | 39.88 | 19.940 | 42.57 | 38.51 | 14 | 30 | 104652-3 |
| 1/3 | 1.570 | 0.785 | 1.676 | 1.516 | 9 | 20 | 104652-2 |
| 1/3 | 33.53 | 16.76 | 36.22 | 32.16 | 4 | 10 | 104652-1 |
| 1/3 | 1.320 | 0.660 | 1.426 | 1.266 | | | |
| 1/3 | 27.18 | 13.590 | 29.87 | 25.81 | | | |
| 1/3 | 1.070 | 0.535 | 1.176 | 1.016 | | | |
| 1/3 | 20.83 | 10.41 | 23.52 | 19.46 | | | |
| 1/3 | 0.820 | 0.410 | 0.926 | 0.766 | | | |
| 1/3 | 14.48 | 7.240 | 17.17 | 13.11 | | | |
| 1/3 | 0.570 | 0.285 | 0.676 | 0.516 | | | |
| 1/3 | 8.12 | 4.06 | 10.82 | 6.75 | | | |
| 1/3 | 0.320 | 0.160 | 0.426 | 0.266 | | | |
| FINISH | E | D | C | B | A | NO OF POS | PART NUMBER |

RECOMMENDED BOARD LAYOUT
SCALE: 7:1

THIS DRAWING IS A CONTROLLED DOCUMENT. DATE: 08/07/91. KATE HELM. CHK: D. GORENC. 8/12/91. NAME: ASSEMBLY, RECEPTACLE, VERTICAL, DOUBLE ROW, SURFACE MOUNT, AMPMODU 50/50 GRID CONNECTOR. PRODUCT SPEC: 108-1332. APPLICATION SPEC: 114-7010. WEIGHT: -. SIZE: A1. CAGE CODE: 00779. DRAWING NO: 104652. CUSTOMER DRAWING. SCALE: 10:1. SHEET: 1 OF 1. REV: L1.

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