

Figure 18 PLUG CONNECTOR: 26, 44, 62, 80, AND 98 PIN CONTACT POSITIONS, .100 INCH SPACING (2.54 mm), DIP SOLDER (RIGHT ANGLE OR STRAIGHT), AND SOLDER CUP TERMINAL STYLE.

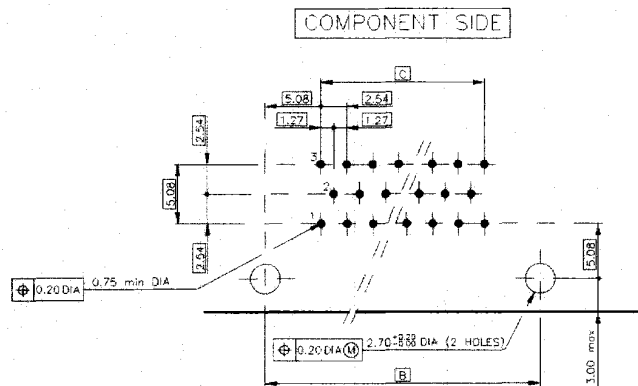


Figure 19 MOUNTING PATTERN, DAUGHTERBOARD APPLICATION, OR IN LINE ARRANGEMENT BOARD-TO-BOARD CONNECTION, (RECOMMENDED PCB HOLE CONFIGURATION).

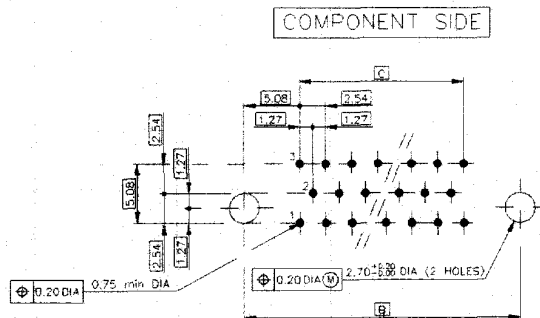
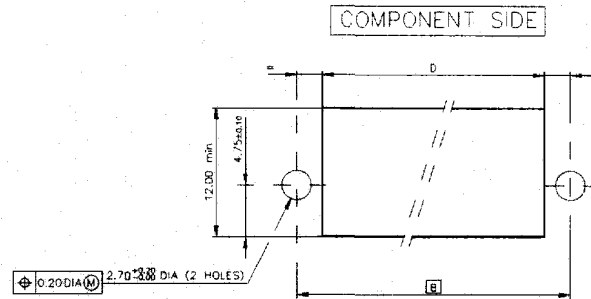


Figure 20 MOUNTING PATTERN, IN PARALLEL ARRANGEMENT BOARD-TO-BOARD CONNECTION, (RECOMMENDED PCB HOLE CONFIGURATION).

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Figure 21 RECOMMENDED PANEL CUT-OUT
NOTES

1. Dimensions for User installation purpose only.
2. Dimensions are in millimeters.
3. Dimensions in width are as follows:

| DIMENSIONS IN WIDTH | | | | |
|---------------------|-----------|------------|---------------|----------|
| N. of contacts | A (mm) | B (mm) | C (mm) | D (mm) |
| 26 | 38.40 max | 30.48±0.15 | 25.4x 8-20.32 | 25.9 min |
| 44 | 53.60 max | 45.72±0.15 | 25.4x14-35.56 | 41.1 min |
| 62 | 68.90 max | 60.96±0.15 | 25.4x20-50.80 | 56.4 min |
| 80 | 84.10 max | 76.20±0.15 | 25.4x26-66.04 | 71.6 min |
| 98 | 99.40 max | 91.44±0.15 | 25.4x32-81.28 | 86.9 min |

4. Materials, finishes, and connector requirements are as described into this catalog.
5. This plug connector meets all requirements of:
 - a. MIL-C-55302, if gold plate finish is conforming to MIL-C-55302, (see QPL-55302 last issue);
 - b. NF C 93-424 UTE C 93-424, if applicable.
6. This plug connector mates receptacle connector CHC***EF****, (see pages 18 & 19), when both of them are equipped with the same contact positions number, appropriate mounting hardware, and identical polarizing combination.
7. Applications:
 - a. printed circuit board to motherboard (or equivalent subassembly) connection;
 - b. input/output connection when electrical or electronic device is wired, as a complete assembly, on the only one printed circuit board.
8. Connectors for measuring and the test devices, (i.e. extender board applications), are shown on pages 26 & 27.

| HOW TO ORDER | |
|--|---|
| ORDERING NOMENCLATURE | |
| YOUR NOTES: | |
| CHC***PM**** | |
| CONNECTOR FAMILY CH Designation C H | CONTACT FINISHING H Designation - Contact with gold plate and underplate finishes conforming to MIL-C-55302. T Designation - Contact with economic gold plate finish. |
| CONTACT ROWS NUMBER Three rows Designation C | |
| CONNECTOR SIZE 26 contact positions Designation 0 2 6 44 contact positions Designation 0 4 4 62 contact positions Designation 0 6 2 80 contact positions Designation 0 8 0 98 contact positions Designation 0 9 8 | HARDWARE POLARIZATION Every guide pin has a hexagonal base with six polarizing positions, therefore each connector has 36 polarizing positions. When plug connector is supplied, the "C3" polarizing position is installed as guide pins standard orientation. Guide pins in the other polarizing positions are available, please consult your local Sales or factory. |
| CONNECTOR STYLE Plug connector Designation P | |
| CONTACT STYLE Pin contact Designation M | |
| CONTACT TERMINAL STYLE AND PROPER MOUNTING HARDWARE | |
| Dip solder, right angle, terminal, and proper 90° PCB mounting hardware, with: | |
| 3.00 mm (.118 INCH) long dip Designation C A 1 0 | |
| 4.50 mm (.177 INCH) long dip Designation B A 1 0 | |
| Dip solder, straight thru, terminal, and vertical mounting PCB hardware, with: | |
| 4.50 mm (.177 INCH) long dip Designation D A 1 1 | |
| 5.80 mm (.228 INCH) long dip Designation L A 1 1 | |
| Solder cup terminal (wire size AWG 22 max), and vertical mounting panel hardware .. Designation S A 1 1 | |