- BGA adapter/socket systems are a reliable way to make BGAs pluggable, they may also be used as a high density board-to-board interconnect.
- The BGA device is soldered to a 9929 adapter (or a 7929 adapter is soldered to a PCB); and then either one can be plugged into a 9928 surface mount socket.
- Both socket and adapter have the same footprint as the BGA device.
- Insertion force is only .41 N per pin, and a pry-bar tool (part \#828-01-010) is available for extraction.
- Insulator material is FR-4 epoxy having a TCE to match the BGA device and circuit board.
- Mill-Max offers the option of having the solder surfaces of the 7929 adapter and 9928 socket pre-tinned.
BGA MOUNT
ADAPTER PIN TYPE 9929


| PLATING CODE XX= | 10 |  |  |  |
| :--- | :---: | :--- | :--- | :--- |
| Pin Plating 〒CCTC | $10 \mu^{\prime \prime} \mathrm{Au}$ |  |  |  |

FOR FEMALE SOCKETS
Locate footprint pattern from page 111.4, the middle 8 digits of the part number will be located under the pattern.


Determined from footprint pattern on page 111.4

| SPECIFY PLATING CODE XX= | $\mathbf{1 1}$ |  |  |  |
| :--- | :---: | :--- | :--- | :--- |
| Sleeve (Pin) ©)D | $10 \mu^{" \mathrm{Au}}$ |  |  |  |
| Contact (Clip) O | $10 \mu^{\prime \prime} \mathrm{Au}$ |  |  |  |

Visit www.mill-max.com for a complete selection.

|  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $8 \times 8$ | $8 \times 8$ | $10 \times 10$ | $11 \times 15$ | $14 \times 14$ | $14 \times 14$ |
| XXX-XX-054-04-005 | XXX-XX-064-04-000 | XXX-XX-100-05-000 | XXX-XX-165-01-005 | XXX-XX-168-07-005 | XXX-XX-196-07-000 |


|  |  |  |  |  | $0 \times 0$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $16 \times 16$ | $16 \times 16$ | $18 \times 18$ | $22 \times 22$ | $22 \times 22$ | $22 \times 22$ |
| XXX-XX-208-08-001 | XXX-XX-256-08-007 | XXX-XX-324-09-000 | XXX-XX-324-11-005 | XXX-XX-376-11-005 | XXX-XX-484-11-005 |


|  |  |  |  |
| :---: | :---: | :---: | :---: |
| $26 \times 26$ | $26 \times 26$ | $26 \times 26$ | $26 \times 26$ |
| XXX-XX-352-13-007 | XXX-XX-388-13-007 | XXX-XX-484-13-005 | XXX-XX-672-13-005 |


|  |  |  |  |
| :---: | :---: | :---: | :---: |
| $26 \times 26$ | $26 \times 26$ | $30 \times 30$ | $33 \times 33$ |
| XXX-XX-675-13-005 | XXX-XX-676-13-000 | XXX-XX-432-15-001 | XXX-XX-560-17-001 |



