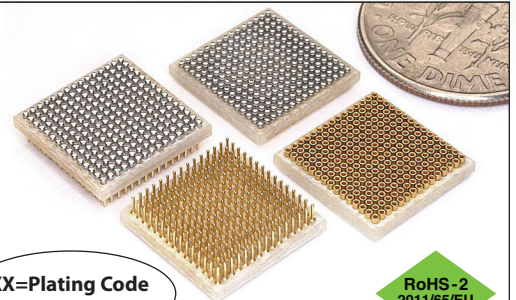


BALL GRID ARRAYS

SERIES 540,579,582,587,599 • FOR 0,8mm GRID, 1mm GRID & 1,27mm GRID • MALE PIN ADAPTERS AND FEMALE SOCKETS

- 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 for a 0,8mm or 1mm grid is soldered to a 9929 adapter (or a 7929 adapter is soldered to a PCB), then either one can be plugged into a 9953 (0.8mm grid) or 9928 (1mm grid) surface mount socket
- The BGA device for a 1,27mm grid is soldered to a 8737/4048 adapter (or a 4098/4054 adapter is soldered to a PCB), then either one can be plugged into a 8214 surface mount socket
- Both socket and adapter have the same footprint as the BGA device
- Insertion force is .4N per pin for standard pins 7929/9929, 8737/4098. Tapered EZ-IN pins 4048/4054 reduce insertion force to only .08N, and are recommended for pin counts greater than 500
- Insulator material is FR-4 epoxy having a TCE to match the BGA device and circuit board
- For Electrical, Mechanical and Environmental Data, see page 141 for details



<p>SERIES 599...429 BGA MOUNT TYPE #9929</p> <p>For 0,8mm & 1mm Grid Only</p>	<p>SERIES 579...429 PCB MOUNT TYPE #7929</p> <p>For 0,8mm & 1mm Grid Only</p>	<p>SERIES 587...437 BGA MOUNT TYPE #8737</p> <p>For 1,27 Grid Only</p>										
<p>SERIES 540...448 EZ-IN BGA MOUNT TYPE #4048</p> <p>For 1,27 Grid Only</p>	<p>SERIES 540...498 STANDARD PCB MOUNT TYPE #4098</p> <p>For 1,27 Grid Only</p>	<p>SERIES 540...454 EZ-IN PCB MOUNT TYPE #4054</p> <p>For 1,27 Grid Only</p>										
<p>SERIES 599...453 SURFACE MOUNT TYPE #9953</p> <p>For 0,8mm Grid Only</p>	<p>SERIES 599...428 SURFACE MOUNT TYPE #9928</p> <p>For 1mm Grid Only</p>	<p>SERIES 582...414 SURFACE MOUNT TYPE #8214</p> <p>For 1,27 Grid Only</p>										
<p>Visit www.mill-max.com/bga to configure a formal part number</p>	<p>SPECIFY PLATING CODE XX =</p> <table border="1"> <tr> <td>Sleeve (Pin)</td> <td></td> <td>0,25µm Au</td> </tr> <tr> <td>Contact (Clip)</td> <td></td> <td>0,25µm Au</td> </tr> </table>	Sleeve (Pin)		0,25µm Au	Contact (Clip)		0,25µm Au	<p>SPECIFY PLATING CODE XX =</p> <table border="1"> <tr> <td>Pin Plating</td> <td></td> <td>10 ◆</td> <td>0,25µm Au</td> </tr> </table>	Pin Plating		10 ◆	0,25µm Au
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