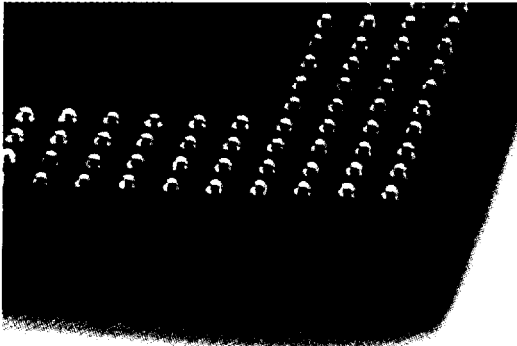
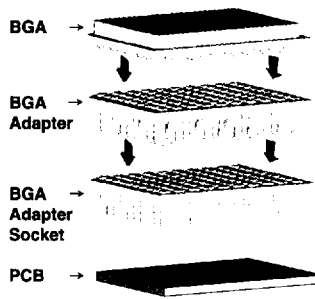




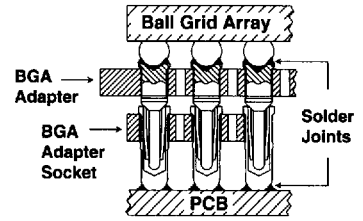
BGA Adapter Sockets



Terminal Type -636 Shown - Patent Pending



Before Soldering



After Soldering

Features:

- Surface Mount socket uses standard BGA footprint.
- Low insertion force socket for ease of insertion and withdrawal.
- Closed bottom socket terminal for 100% anti-wicking of solder.
- Gold plated contacts will allow gold/gold plated interconnections to male adapter pins.
- Multi-fingered high reliability Beryllium Copper contacts.

Terminals and Contacts:

Terminals: Brass - Copper Alloy 360, ASTM-B-16

Contacts: Beryllium Copper
Copper Alloy 172, ASTM-B-194

Plating:

Terminal TL: Tin Lead over Nickel

Terminal G: Gold over Nickel

Body Material:

FR-4 Glass Epoxy, U.L. Rated 94V-O

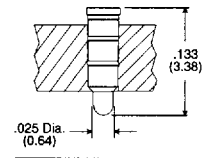
Solder:

63Sn/37Pb Solder Ball

Available With Heat Sink Retention Features
Consult Factory

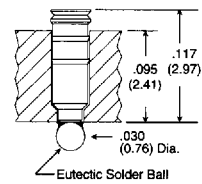
Terminals

Type -551

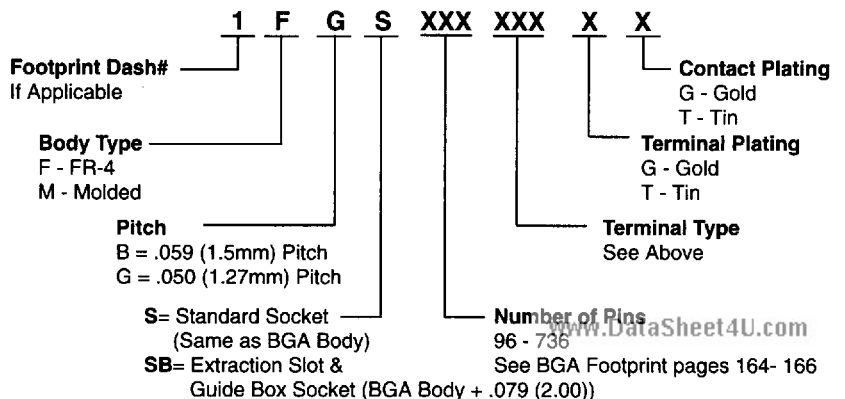


Type -636

Molded Only

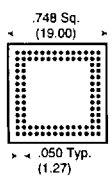
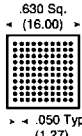
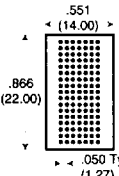
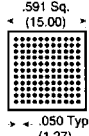
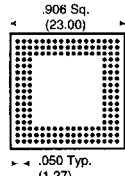
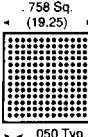
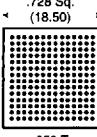
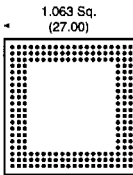
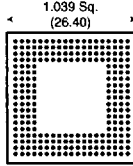
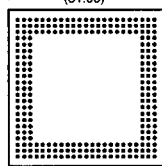
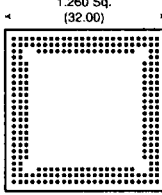
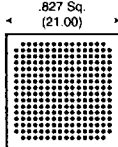
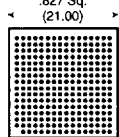
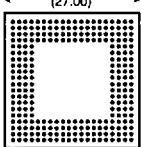
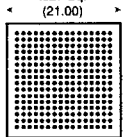
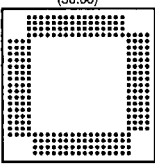
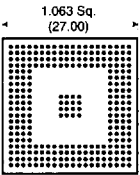
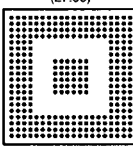
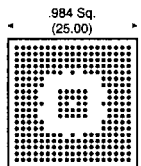
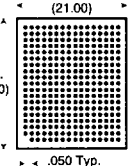


How To Order



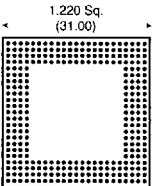
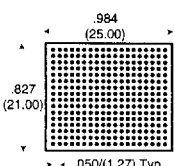
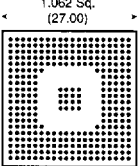
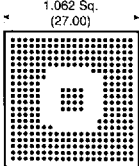
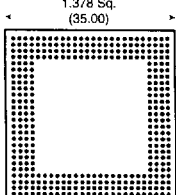
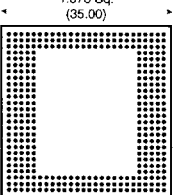
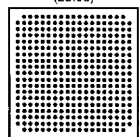
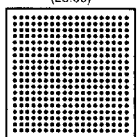
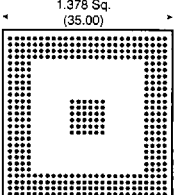
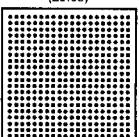
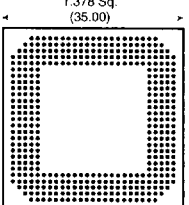
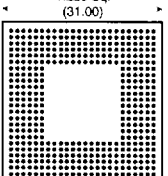
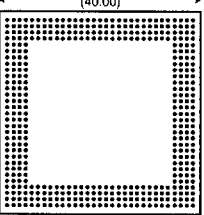
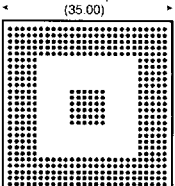
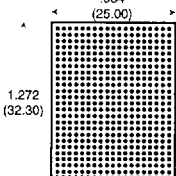
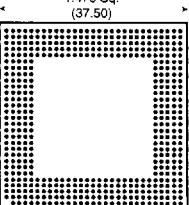
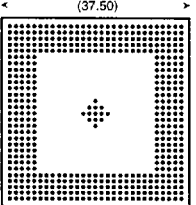
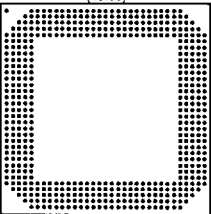
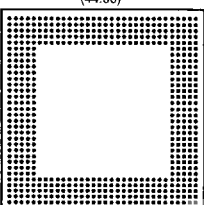
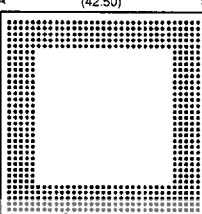


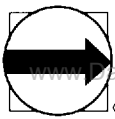
.050" (1.27 mm) Pitch BGA Socket and Adapter Footprints

<p>96 Position Footprint 96</p>  <p>748 Sq. (19.00) .050 Typ. (1.27)</p> <p>14 x 14 rows</p>	<p>100 Position Footprint 100</p>  <p>630 Sq. (16.00) .050 Typ. (1.27)</p> <p>10 x 10 rows</p>	<p>119 Position Footprint 119</p>  <p>.551 (14.00) .866 (22.00) .050 Typ. (1.27)</p> <p>7 x 17 rows</p>	<p>121 Position Footprint 121</p>  <p>.591 Sq. (15.00) .050 Typ. (1.27)</p> <p>11 x 11 rows</p>	<p>168 Position Footprint 168</p>  <p>.906 Sq. (23.00) .050 Typ. (1.27)</p> <p>17 x 17 rows</p>
<p>169 Position Footprint 169-2</p>  <p>.758 Sq. (19.25) .050 Typ. (1.27)</p> <p>13 x 13 rows</p>	<p>196 Position Footprint 196</p>  <p>.728 Sq. (18.50) .050 Typ. (1.27)</p> <p>14 x 14 rows</p>	<p>204 Position Footprint 204</p>  <p>1.063 Sq. (27.00) .050 Typ. (1.27)</p> <p>20 x 20 rows</p>	<p>240 Position Footprint 240</p>  <p>1.039 Sq. (26.40) .050 Typ. (1.27)</p> <p>19 x 19 rows</p>	<p>240 Position Footprint 240-1</p>  <p>1.220 Sq. (31.00) .050 Typ. (1.27)</p> <p>23 x 23 rows</p>
<p>240 Position Footprint 240-2</p>  <p>1.260 Sq. (32.00) .050 Typ. (1.27)</p> <p>24 x 24 rows</p>	<p>252 Position Footprint 252</p>  <p>.827 Sq. (21.00) .050 Typ. (1.27)</p> <p>16 x 16 rows</p>	<p>255 Position Footprint 255</p>  <p>.827 Sq. (21.00) .050 Typ. (1.27)</p> <p>16 x 16 rows</p>	<p>256 Position Footprint 256</p>  <p>1.063 Sq. (27.00) .050 Typ. (1.27)</p> <p>20 x 20 rows</p>	<p>256 Position Footprint 256-1</p>  <p>.827 Sq. (21.00) .050 Typ. (1.27)</p> <p>16 x 16 rows</p>
<p>256 Position Footprint 256-2</p>  <p>1.181 Sq. (30.00) .050 Typ. (1.27)</p> <p>23 x 23 rows</p>	<p>272 Position Footprint 272</p>  <p>1.063 Sq. (27.00) .050 Typ. (1.27)</p> <p>20 x 20 rows</p>	<p>292 Position Footprint 292</p>  <p>1.063 Sq. (27.00) .050 Typ. (1.27)</p> <p>20 x 20 rows</p>	<p>292 Position Footprint 292-1</p>  <p>.984 Sq. (25.00) .050 Typ. (1.27)</p> <p>19 x 19 rows</p>	<p>303 Position Footprint 303</p>  <p>.984 (25.00) .827 (21.00) .050 Typ. (1.27)</p> <p>16 x 19 rows</p>

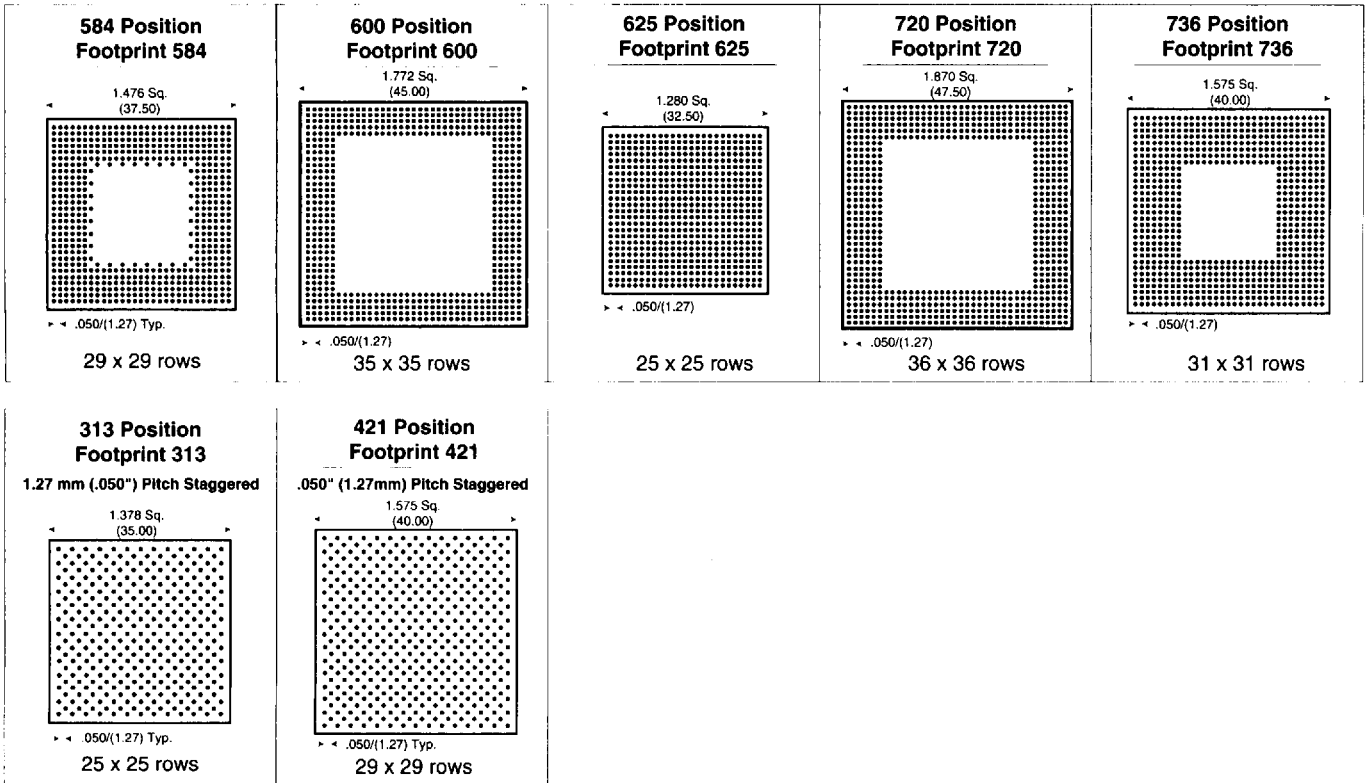


.050" (1.27 mm) Pitch BGA Socket and Adapter Footprints

<p>304 Position Footprint 304</p>  <p>1.220 Sq. (31.00)</p> <p>23 x 23 rows</p> <p>> < .050/(1.27) Typ.</p>	<p>304 Position Footprint 304-1</p>  <p>.984 (25.00)</p> <p>827 (21.00)</p> <p>16 x 19 rows</p> <p>> < .050/(1.27) Typ.</p>	<p>320 Position Footprint 320</p>  <p>1.062 Sq. (27.00)</p> <p>20 x 20 rows</p> <p>> < .050/(1.27) Typ.</p>	<p>324 Position Footprint 324</p>  <p>1.062 Sq. (27.00)</p> <p>20 x 20 rows</p> <p>> < .050/(1.27) Typ.</p>	<p>352 Position Footprint 352</p>  <p>1.378 Sq. (35.00)</p> <p>26 x 26 rows</p> <p>> < .050/(1.27) Typ.</p>
<p>356 Position Footprint 356</p>  <p>1.378 Sq. (35.00)</p> <p>26 x 26 rows</p> <p>> < .050/(1.27) Typ.</p>	<p>357 Position Footprint 357</p>  <p>.984 Sq. (25.00)</p> <p>19 x 19 rows</p> <p>> < .050/(1.27) Typ.</p>	<p>361 Position Footprint 361-1</p>  <p>.984 Sq. (25.00)</p> <p>19 x 19 rows</p> <p>> < .050/(1.27) Typ.</p>	<p>388 Position Footprint 388</p>  <p>1.378 Sq. (35.00)</p> <p>26 x 26 rows</p> <p>> < .050/(1.27) Typ.</p>	<p>400 Position Footprint 400</p>  <p>1.142 Sq. (29.00)</p> <p>20 x 20 rows</p> <p>> < .050/(1.27) Typ.</p>
<p>416 Position Footprint 416</p>  <p>1.378 Sq. (35.00)</p> <p>27 x 27 rows</p> <p>> < .050/(1.27) Typ.</p>	<p>432 Position Footprint 432</p>  <p>1.220 Sq. (31.00)</p> <p>24 x 24 rows</p> <p>> < .050/(1.27) Typ.</p>	<p>432 Position Footprint 432-1</p>  <p>1.575 Sq. (40.00)</p> <p>31 x 31 rows</p> <p>> < .050/(1.27) Typ.</p>	<p>456 Position Footprint 456</p>  <p>1.378 Sq. (35.00)</p> <p>26 x 26 rows</p> <p>> < .050/(1.27) Typ.</p>	<p>475 Position Footprint 475</p>  <p>.984 (25.00)</p> <p>1.272 (32.30)</p> <p>25 x 19 rows</p> <p>> < .050/(1.27) Typ.</p>
<p>479 Position Footprint 479</p>  <p>1.476 Sq. (37.50)</p> <p>29 x 29 rows</p> <p>> < .050/(1.27) Typ.</p>	<p>493 Position Footprint 493</p>  <p>1.476 Sq. (37.50)</p> <p>29 x 29 rows</p> <p>> < .050/(1.27) Typ.</p>	<p>521 Position Footprint 521</p>  <p>1.693 Sq. (43.00)</p> <p>33 x 33 rows</p> <p>> < .050/(1.27) Typ.</p>	<p>540 Position Footprint 540</p>  <p>1.732 Sq. (44.00)</p> <p>32 x 32 rows</p> <p>> < .050/(1.27) Typ.</p>	<p>560 Position Footprint 560</p>  <p>1.673 Sq. (42.50)</p> <p>33 x 33 rows</p> <p>> < .050/(1.27) Typ.</p>



.050" (1.27 mm) Pitch BGA Socket and Adapter Footprints



.059" (1.5mm) Pitch BGA Socket and Adapter Footprints

