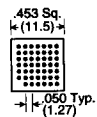


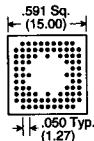
.050/(1.27mm) Pitch BGA Footprints

Footprint 48-4



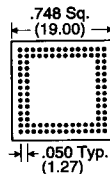
48 Positions
7 x 7 Rows

Footprint 84



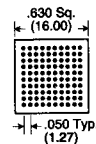
84 Positions
11 x 11 Rows

Footprint 96



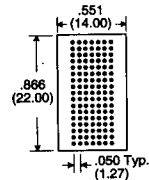
96 Positions
14 x 14 Rows

Footprint 100



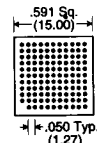
100 Positions
10 x 10 Rows

Footprint 119



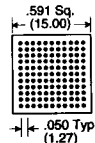
119 Positions
7 x 17 Rows

Footprint 120



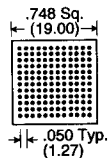
120 Positions
11 x 11 Rows

Footprint 121



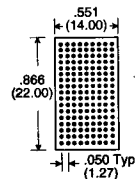
121 Positions
11 x 11 Rows

Footprint 144



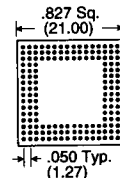
144 Positions
12 x 12 Rows

Footprint 153



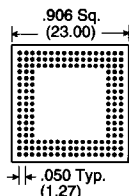
153 Positions
9 x 17 Rows

Footprint 156



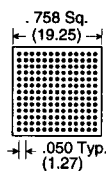
156 Positions
16 x 16 Rows

Footprint 168



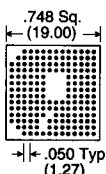
168 Positions
17 x 17 Rows

Footprint 169-2



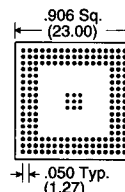
169 Positions
13 x 13 Rows

Footprint 175-1



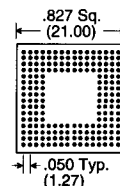
175 Positions
14 x 14 Rows

Footprint 177



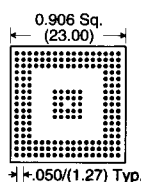
177 Positions
17 x 17 Rows

Footprint 192



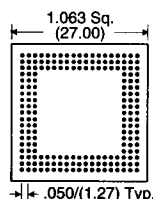
192 Positions
16 x 16 Rows

Footprint 192-2



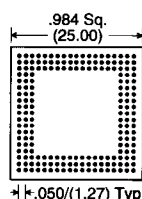
192 Positions
17 x 17 Rows

Footprint 192-3



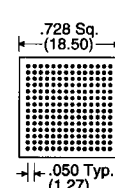
192 Positions
19 x 19 Rows

Footprint 192-4



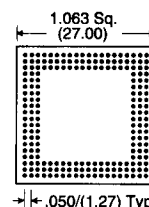
192 Positions
19 x 19 Rows

Footprint 196



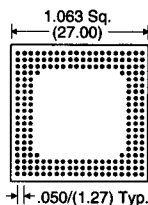
196 Positions
14 x 14 Rows

Footprint 204



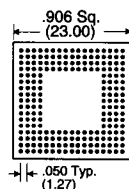
204 Positions
20 x 20 Rows

Footprint 208



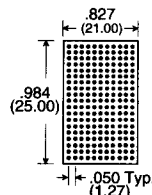
208 Positions
20 x 20 Rows

Footprint 208-1



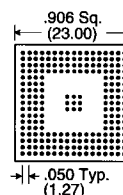
208 Positions
17 x 17 Rows

Footprint 209



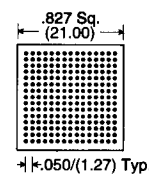
209 Positions
11 x 19 Rows

Footprint 217



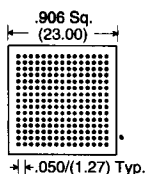
217 Positions
17 x 17 Rows

Footprint 225-1



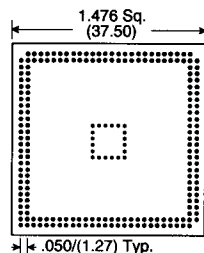
225 Positions
15 x 15 Rows

Footprint 225-2



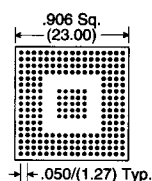
225 Positions
15 x 15 Rows

Footprint 225-4



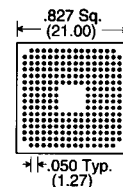
225 Positions
28 x 28 Rows

Footprint 233



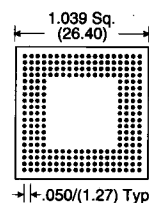
233 Positions
17 x 17 Rows

Footprint 236

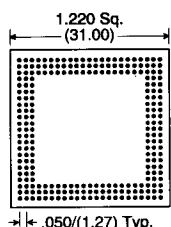


236 Positions
16 x 16 Rows

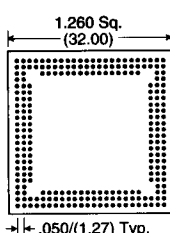
Footprint 240



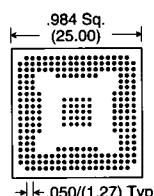
240 Positions
19 x 19 Rows

Footprint 240-1


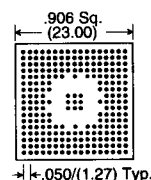
240 Positions
23 x 23 Rows

Footprint 240-2


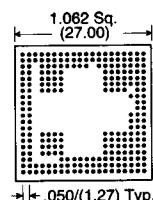
240 Positions
24 x 24 Rows

Footprint 241


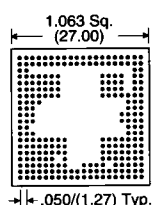
241 Positions
19 x 19 Rows

Footprint 241-1


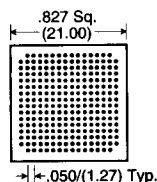
241 Positions
17 x 17 Rows

Footprint 245


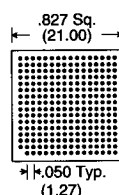
245 Positions
20 x 20 Rows

Footprint 251


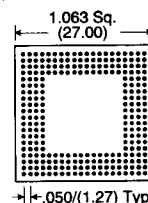
251 Positions
20 x 20 Rows

Footprint 252


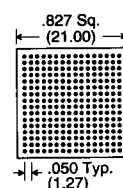
252 Positions
16 x 16 Rows

Footprint 255


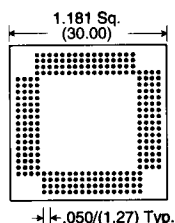
255 Positions
16 x 16 Rows

Footprint 256


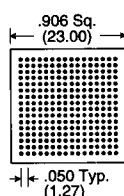
256 Positions
20 x 20 Rows

Footprint 256-1


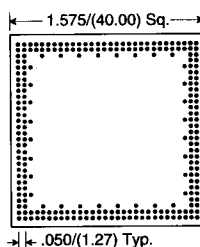
256 Positions
16 x 16 Rows

Footprint 256-2


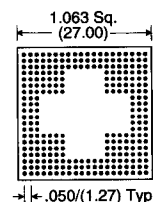
256 Positions
23 x 23 Rows

Footprint 256-3


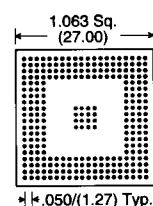
256 Positions
16 x 16 Rows

Footprint 256-8


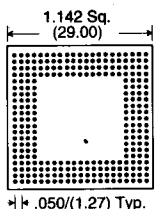
256 Positions
30 x 30 Rows

Footprint 268


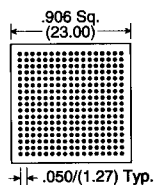
268 Positions
20 x 20 Rows

Footprint 272


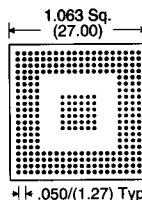
272 Positions
20 x 20 Rows

Footprint 272-1


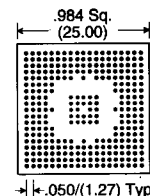
272 Positions
21 x 21 Rows

Footprint 289


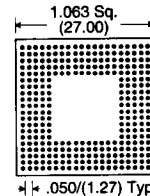
289 Positions
17 x 17 Rows

Footprint 292


292 Positions
20 x 20 Rows

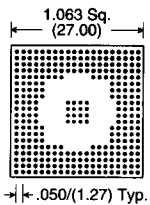
Footprint 292-1


292 Positions
19 x 19 Rows

Footprint 300


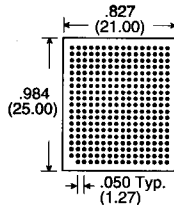
300 Positions
20 x 20 Rows

Footprint 300-1



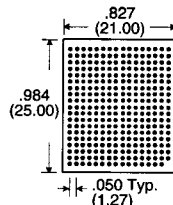
300 Positions
20 x 20 Rows

Footprint 303



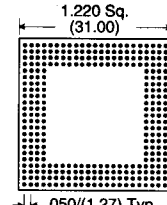
303 Positions
16 x 19 Rows

Footprint 303-1



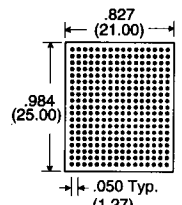
303 Positions
16 x 19 Rows

Footprint 304



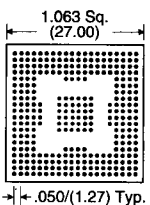
304 Positions
23 x 23 Rows

Footprint 304-1



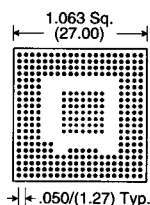
304 Positions
16 x 19 Rows

Footprint 308



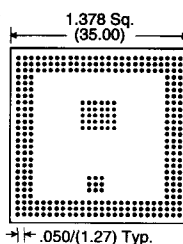
308 Positions
20 x 20 Rows

Footprint 314



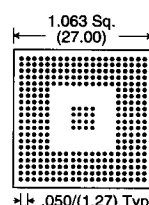
314 Positions
20 x 20 Rows

Footprint 315



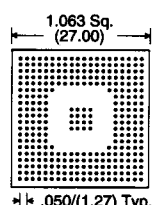
315 Positions
26 x 26 Rows

Footprint 316



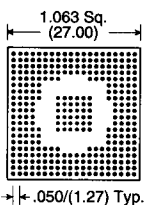
316 Positions
20 x 20 Rows

Footprint 320



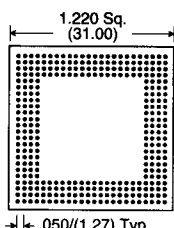
320 Positions
20 x 20 Rows

Footprint 320-1



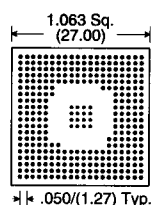
320 Positions
20 x 20 Rows

Footprint 320-2



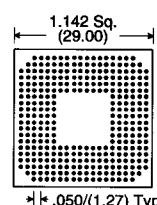
320 Positions
24 x 24 Rows

Footprint 324



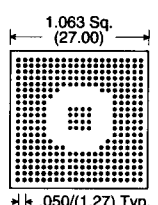
324 Positions
20 x 20 Rows

Footprint 324-1



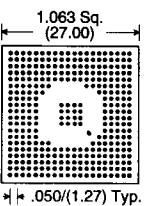
324 Positions
20 x 20 Rows

Footprint 328



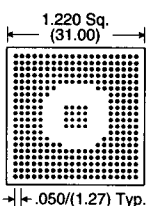
328 Positions
20 x 20 Rows

Footprint 328-1



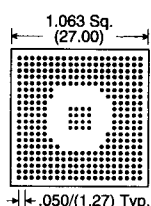
328 Positions
20 x 20 Rows

Footprint 328-2



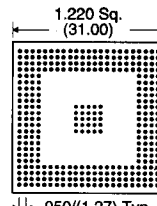
328 Positions
20 x 20 Rows

Footprint 328-3



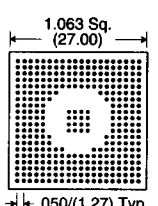
328 Positions
20 x 20 Rows

Footprint 329

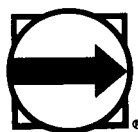


329 Positions
23 x 23 Rows

Footprint 332-1



332 Positions
20 x 20 Rows

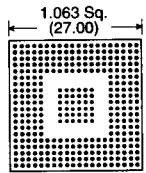
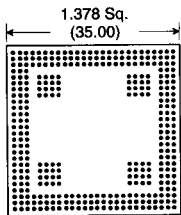
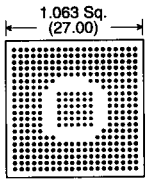
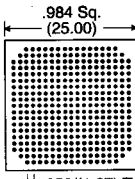
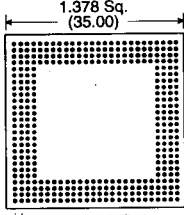
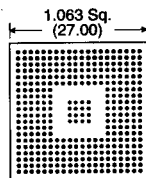
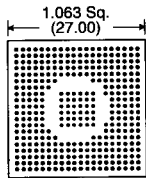
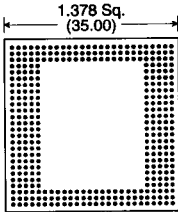
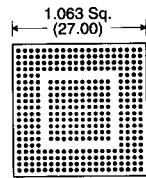
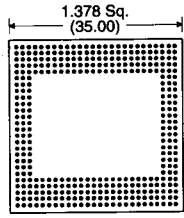
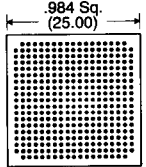
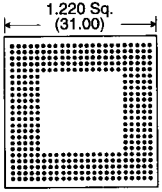
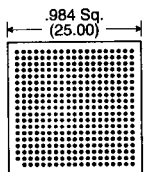
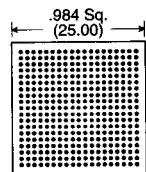
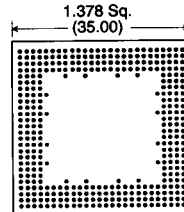
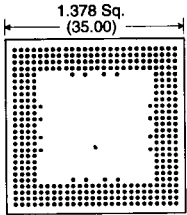
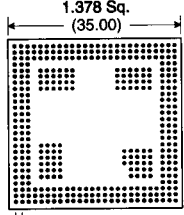
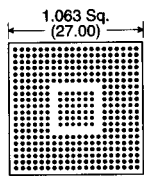
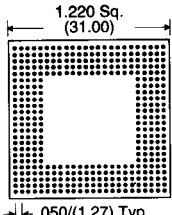
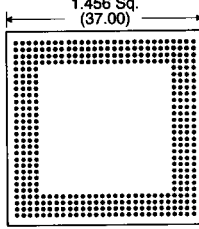


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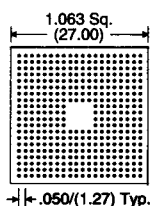
BGA Footprints

Arranged by Pitch and Ball Count

5 Energy Way, P.O. Box 1019, West Warwick, RI 02893 USA Tel: 800-424-9850 / 401-823-5200 Fax: 401-823-8723 E-mail: advintcorp@aol.com Internet: www.advintcorp.com

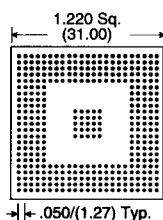
Footprint 336  1.063 Sq. (27.00) → ← .050/(1.27) Typ. 336 Positions 20 x 20 Rows	Footprint 340  1.378 Sq. (35.00) → ← .050/(1.27) Typ. 340 Positions 26 x 26 Rows	Footprint 348  1.063 Sq. (27.00) → ← .050/(1.27) Typ. 348 Positions 20 x 20 Rows	Footprint 349  .984 Sq. (25.00) → ← .050/(1.27) Typ. 349 Positions 19 x 19 Rows	Footprint 352  1.378 Sq. (35.00) → ← .050/(1.27) Typ. 352 Positions 26 x 26 Rows
Footprint 352-2  1.063 Sq. (27.00) → ← .050/(1.27) Typ. 352 Positions 20 x 20 Rows	Footprint 352-3  1.063 Sq. (27.00) → ← .050/(1.27) Typ. 352 Positions 20 x 20 Rows	Footprint 356  1.378 Sq. (35.00) → ← .050/(1.27) Typ. 356 Positions 26 x 26 Rows	Footprint 356-1  1.063 Sq. (27.00) → ← .050/(1.27) Typ. 356 Positions 20 x 20 Rows	Footprint 356-2  1.378 Sq. (35.00) → ← .050/(1.27) Typ. 356 Positions 26 x 26 Rows
Footprint 357  .984 Sq. (25.00) → ← .050/(1.27) Typ. 357 Positions 19 x 19 Rows	Footprint 360  1.220 Sq. (31.00) → ← .050/(1.27) Typ. 360 Positions 23 x 23 Rows	Footprint 360-1  .984 Sq. (25.00) → ← .050/(1.27) Typ. 360 Positions 19 x 19 Rows	Footprint 361-1  .984 Sq. (25.00) → ← .050/(1.27) Typ. 361 Positions 19 x 19 Rows	Footprint 368  1.378 Sq. (35.00) → ← .050/(1.27) Typ. 368 Positions 26 x 26 Rows
Footprint 368-1  1.378 Sq. (35.00) → ← .050/(1.27) Typ. 368 Positions 26 x 26 Rows	Footprint 371  1.378 Sq. (35.00) → ← .050/(1.27) Typ. 371 Positions 26 x 26 Rows	Footprint 372-1  1.063 Sq. (27.00) → ← .050/(1.27) Typ. 372 Positions 20 x 20 Rows	Footprint 380  1.220 Sq. (31.00) → ← .050/(1.27) Typ. 380 Positions 24 x 24 Rows	Footprint 384  1.456 Sq. (37.00) → ← .050/(1.27) Typ. 384 Positions 28 x 28 Rows

Footprint 384-1



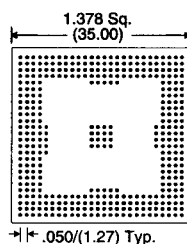
384 Positions
20 x 20 Rows

Footprint 385



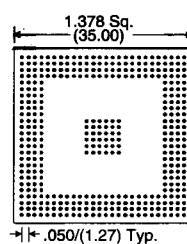
385 Positions
23 x 23 Rows

Footprint 387



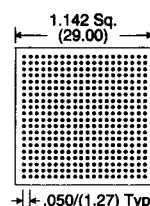
387 Positions
26 x 26 Rows

Footprint 388



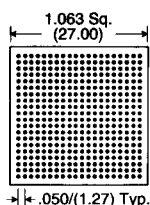
388 Positions
26 x 26 Rows

Footprint 400



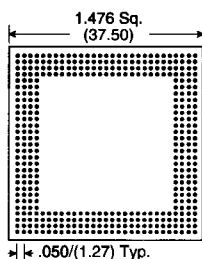
400 Positions
20 x 20 Rows

Footprint 400-3



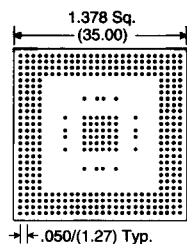
400 Positions
20 x 20 Rows

Footprint 400-5



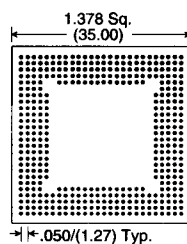
400 Positions
29 x 29 Rows

Footprint 404



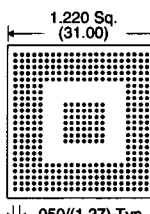
404 Positions
26 x 26 Rows

Footprint 408



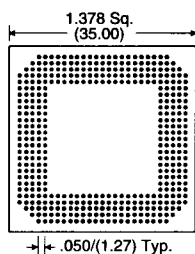
408 Positions
26 x 26 Rows

Footprint 409



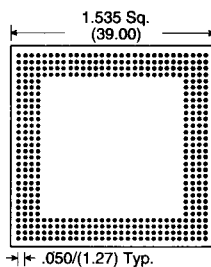
409 Positions
23 x 23 Rows

Footprint 416



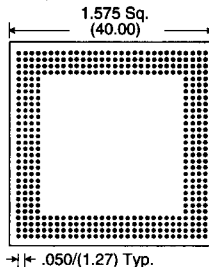
416 Positions
27 x 27 Rows

Footprint 416-1



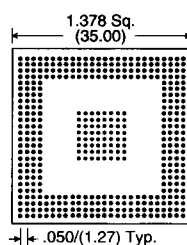
416 Positions
30 x 30 Rows

Footprint 416-2



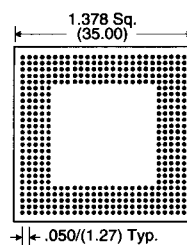
416 Positions
30 x 30 Rows

Footprint 416-3



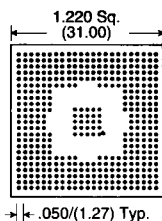
416 Positions
26 x 26 Rows

Footprint 420



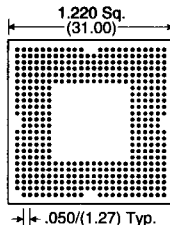
420 Positions
26 x 26 Rows

Footprint 421-1



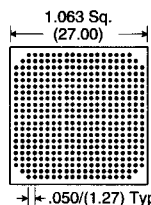
421 Positions
23 x 23 Rows

Footprint 423



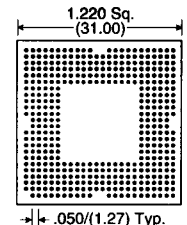
423 Positions
24 x 24 Rows

Footprint 429



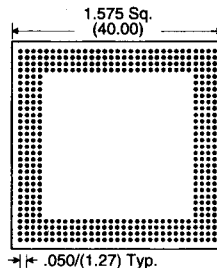
429 Positions
21 x 21 Rows

Footprint 432

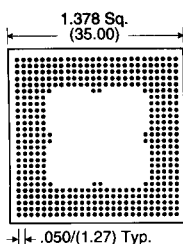


432 Positions
24 x 24 Rows

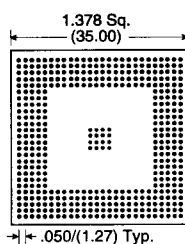
Footprint 432-1



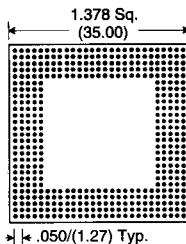
432 Positions
31 x 31 Rows

Footprint 432-2


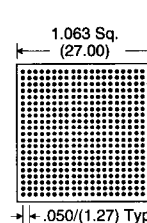
432 Positions
26 x 26 Rows

Footprint 436


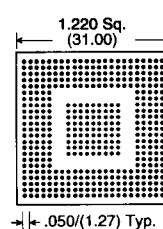
436 Positions
26 x 26 Rows

Footprint 440


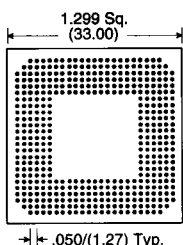
440 Positions
27 x 27 Rows

Footprint 441


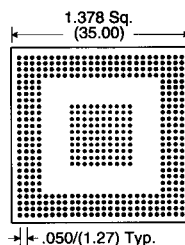
441 Positions
21 x 21 Rows

Footprint 441-1


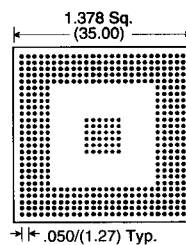
441 Positions
23 x 23 Rows

Footprint 444


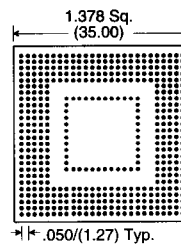
444 Positions
25 x 25 Rows

Footprint 452


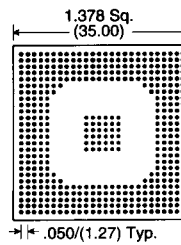
452 Positions
26 x 26 Rows

Footprint 456


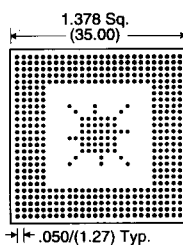
456 Positions
26 x 26 Rows

Footprint 464


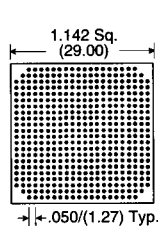
464 Positions
26 x 26 Rows

Footprint 468


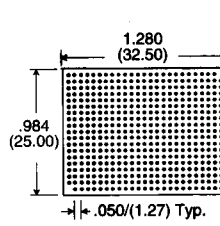
468 Positions
26 x 26 Rows

Footprint 472


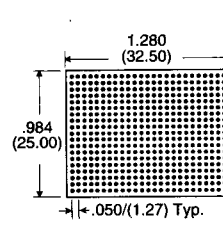
472 Positions
26 x 26 Rows

Footprint 472-1


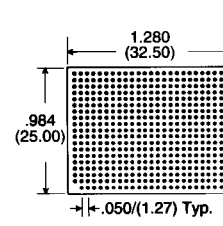
472 Positions
22 x 22 Rows

Footprint 473


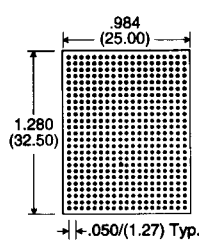
473 Positions
25 x 19 Rows

Footprint 474


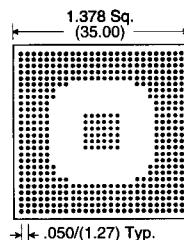
474 Positions
25 x 19 Rows

Footprint 474-1


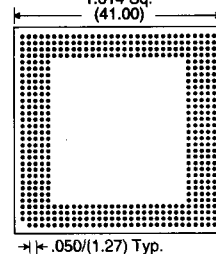
474 Positions
25 x 19 Rows

Footprint 475


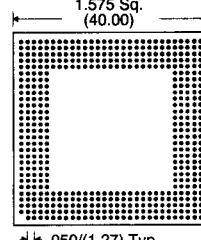
475 Positions
19 x 25 Rows

Footprint 476


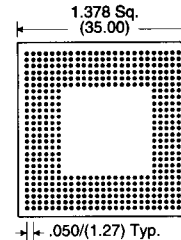
476 Positions
26 x 26 Rows

Footprint 477


477 Positions
31 x 31 Rows

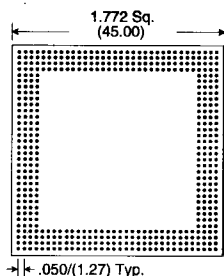
Footprint 479


479 Positions
29 x 29 Rows

Footprint 480


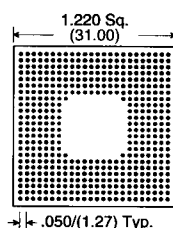
480 Positions
26 x 26 Rows

Footprint 480-1



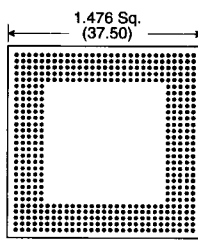
480 Positions
34 x 34 Rows

Footprint 480-2



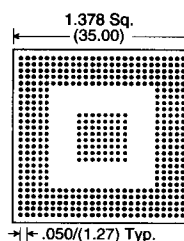
480 Positions
24 x 24 Rows

Footprint 480-3



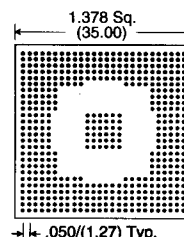
480 Positions
29 x 29 Rows

Footprint 484



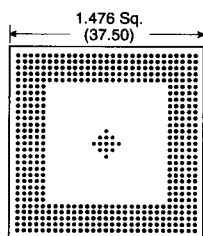
484 Positions
26 x 26 Rows

Footprint 492



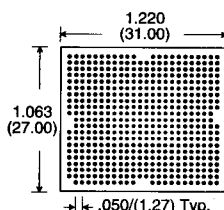
492 Positions
26 x 26 Rows

Footprint 493



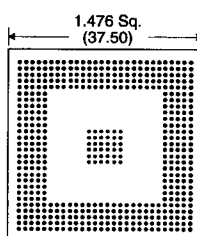
493 Positions
29 x 29 Rows

Footprint 495



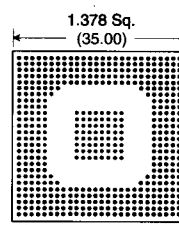
495 Positions
24 x 21 Rows

Footprint 496



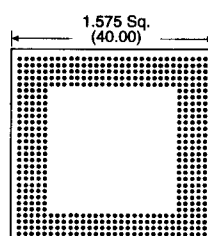
496 Positions
28 x 28 Rows

Footprint 496-1



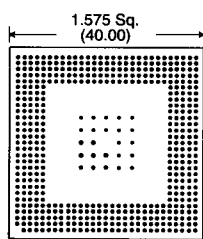
496 Positions
26 x 26 Rows

Footprint 500



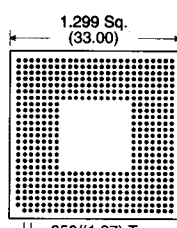
500 Positions
30 x 30 Rows

Footprint 503



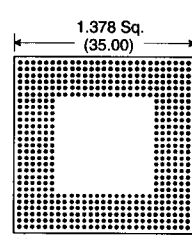
503 Positions
29 x 29 Rows

Footprint 503-1



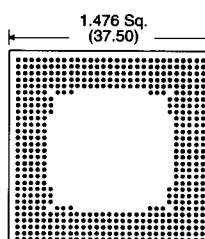
503 Positions
25 x 25 Rows

Footprint 504



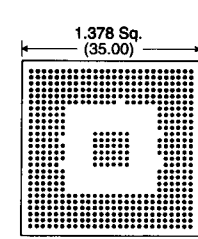
504 Positions
27 x 27 Rows

Footprint 504-1



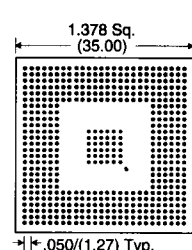
504 Positions
29 x 29 Rows

Footprint 510



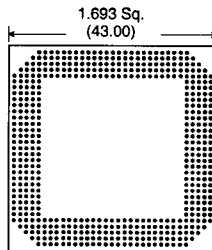
510 Positions
26 x 26 Rows

Footprint 516



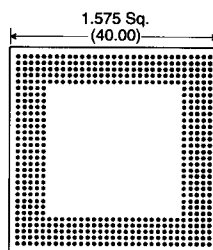
516 Positions
26 x 26 Rows

Footprint 520



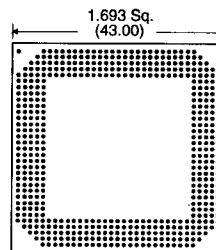
520 Positions
33 x 33 Rows

Footprint 520-1



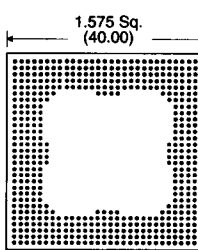
520 Positions
31 x 31 Rows

Footprint 521

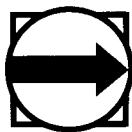


521 Positions
33 x 33 Rows

Footprint 528



528 Positions
30 x 30 Rows



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INTERCONNECTIONS®

BGA Footprints

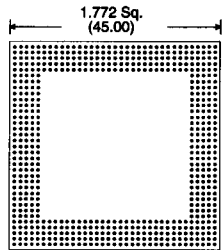
Arranged by Pitch and Ball Count

5 Energy Way, P.O. Box 1019, West Warwick, RI 02893 USA Tel: 800-424-9850 / 401-823-5200 Fax: 401-823-8723 E-mail: advintcorp@aol.com Internet: www.advintcorp.com

Footprint 529 1.476 Sq. (37.50) → ← .050/(1.27) Typ. 529 Positions 29 x 29 Rows	Footprint 540 1.732 Sq. (44.00) → ← .050/(1.27) Typ. 540 Positions 32 x 32 Rows	Footprint 540-1 1.673 Sq. (42.50) → ← .050/(1.27) Typ. 540 Positions 32 x 32 Rows	Footprint 544 1.378 Sq. (35.00) → ← .050/(1.27) Typ. 544 Positions 26 x 26 Rows	Footprint 548 1.378 Sq. (35.00) → ← .050/(1.27) Typ. 548 Positions 26 x 26 Rows
Footprint 553 1.476 Sq. (37.50) → ← .050/(1.27) Typ. 553 Positions 29 x 29 Rows	Footprint 560 1.673 Sq. (42.50) → ← .050/(1.27) Typ. 560 Positions 33 x 33 Rows	Footprint 564 1.575 Sq. (40.00) → ← .050/(1.27) Typ. 564 Positions 30 x 30 Rows	Footprint 564-1 1.378 Sq. (35.00) → ← .050/(1.27) Typ. 564 Positions 26 x 26 Rows	Footprint 567 1.220 Sq. (31.00) → ← .050/(1.27) Typ. 567 Positions 24 x 24 Rows
Footprint 568 1.378 Sq. (35.00) → ← .050/(1.27) Typ. 568 Positions 26 x 26 Rows	Footprint 569 1.575 Sq. (40.00) → ← .050/(1.27) Typ. 569 Positions 31 x 31 Rows	Footprint 576 1.575 Sq. (40.00) → ← .050/(1.27) Typ. 576 Positions 30 x 30 Rows	Footprint 576-1 1.476 Sq. (37.50) → ← .050/(1.27) Typ. 576 Positions 29 x 29 Rows	Footprint 576-2 1.378 Sq. (35.00) → ← .050/(1.27) Typ. 576 Positions 26 x 26 Rows
Footprint 580-1 1.772/(45.00) Sq. → ← .050/(1.27) Typ. 580 Positions 34 x 34 Rows	Footprint 584 1.476 Sq. (37.50) → ← .050/(1.27) Typ. 584 Positions 29 x 29 Rows	Footprint 587 1.476 Sq. (37.50) → ← .050/(1.27) Typ. 587 Positions 28 x 28 Rows	Footprint 596 1.575 Sq. (40.00) → ← .050/(1.27) Typ. 596 Positions 30 x 30 Rows	Footprint 596-1 1.575 Sq. (40.00) → ← .050/(1.27) Typ. 596 Positions 30 x 30 Rows

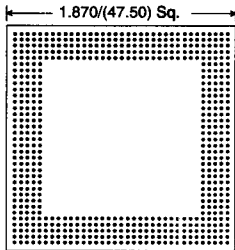


Footprint 600



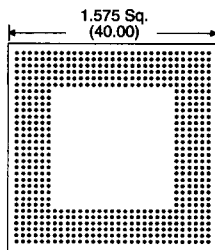
600 Positions
35 x 35 Rows

Footprint 600-1



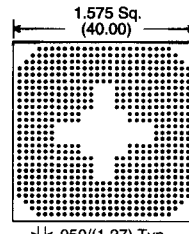
600 Positions
35 x 35 Rows

Footprint 600-2



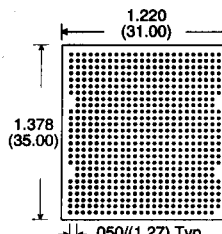
600 Positions
31 x 31 Rows

Footprint 608



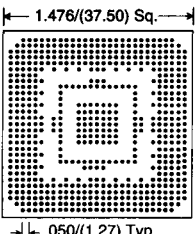
608 Positions
27 x 27 Rows

Footprint 615



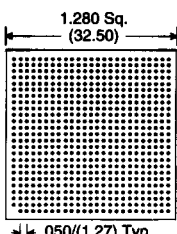
615 Positions
24 x 26 Rows

Footprint 618



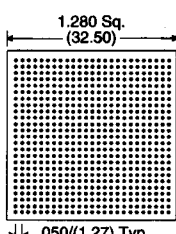
618 Positions
29 x 29 Rows

Footprint 624



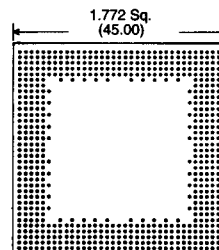
624 Positions
25 x 25 Rows

Footprint 625



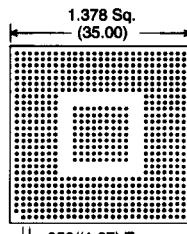
625 Positions
25 x 25 Rows

Footprint 640



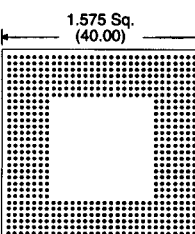
640 Positions
35 x 35 Rows

Footprint 640-1



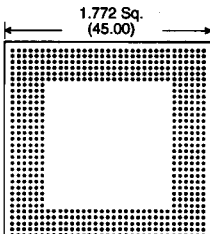
640 Positions
27 x 27 Rows

Footprint 644



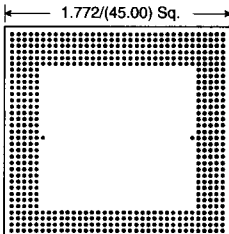
644 Positions
30 x 30 Rows

Footprint 648



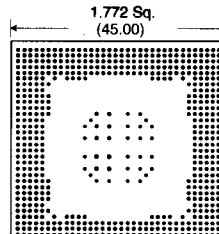
648 Positions
33 x 33 Rows

Footprint 652



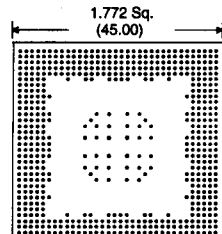
652 Positions
35 x 35 Rows

Footprint 655



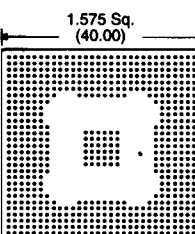
655 Positions
34 x 34 Rows

Footprint 655-1



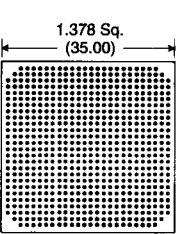
655 Positions
34 x 34 Rows

Footprint 656



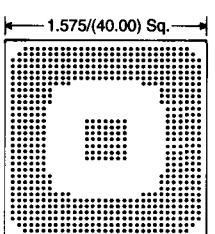
656 Positions
30 x 30 Rows

Footprint 664



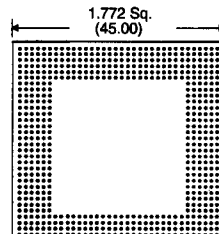
664 Positions
26 x 26 Rows

Footprint 665



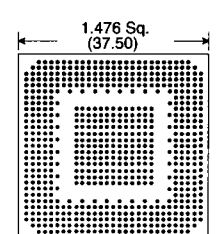
665 Positions
31 x 31 Rows

Footprint 672

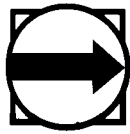


672 Positions
34 x 34 Rows

Footprint 673



673 Positions
29 x 29 Rows



**ADVANCED
INTERCONNECTIONS.**

BGA Footprints

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Footprint 676-1 1.378 Sq. (35.00) → .050/(1.27) Typ. 676 Positions 26 x 26 Rows	Footprint 680 2.008/(51.00) Sq. → .050/(1.27) Typ. 680 Positions 39 x 39 Rows	Footprint 680-3 1.575 Sq. (40.00) → .050/(1.27) Typ. 680 Positions 30 x 30 Rows	Footprint 696 1.870/(47.50) Sq. → .050/(1.27) Typ. 696 Positions 35 x 35 Rows	Footprint 720 1.870/(47.50) Sq. → .050/(1.27) Typ. 720 Positions 36 x 36 Rows
Footprint 728 1.378 Sq. (35.00) → .050/(1.27) Typ. 728 Positions 27 x 27 Rows	Footprint 729 1.378 Sq. (35.00) → .050/(1.27) Typ. 729 Positions 27 x 27 Rows	Footprint 731 1.772/(45.00) Sq. → .050/(1.27) Typ. 731 Positions 34 x 34 Rows	Footprint 736 1.575 Sq. (40.00) → .050/(1.27) Typ. 736 Positions 31 x 31 Rows	Footprint 784 1.870/(47.50) Sq. → .050/(1.27) Typ. 784 Positions 35 x 35 Rows
Footprint 824 1.673/(42.50) 1.280 (32.50) → .050/(1.27) Typ. 824 Positions 33 x 25 Rows	Footprint 1088 1.673/(42.50) Sq. → .050/(1.27) Typ. 1088 Positions 33 x 33 Rows	Footprint 1089 1.673/(42.50) Sq. → .050/(1.27) Typ. 1089 Positions 33 x 33 Rows	Footprint 1225 1.870/(47.50) Sq. → .050/(1.27) Typ. 1225 Positions 35 x 35 Rows	

.050/(1.27mm) Interstitial Pitch BGA Footprints

Footprint 313 1.378 Sq. (35.00) → .050/(1.27) Typ. 313 Positions 25 x 25 Rows	Footprint 421 1.575 Sq. (40.00) → .050/(1.27) Typ. 421 Positions 29 x 29 Rows
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