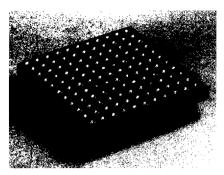
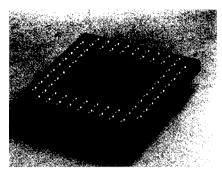


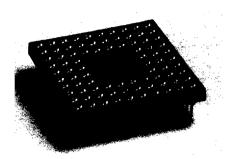
INSULATOR CENTER OPTIONS



Full matrix of holes-option "M"

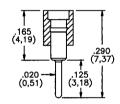


Square center hole-option "H"



Solid center-option "S"

OUR MOST POPULAR CONTACTS



Specify	Contact/Shell
003B*	30μ" Gold/200μ" Tin
004B*	30μ" Gold/10μ" Gold
012B*	10μ" Gold/200μ" Tin
015B*	200μ" Tin/200μ" Tin
008B§	10μ" Gold/200μ" Tin
009B§	30μ" Gold/200μ" Tin
010R§	30u" Gold/10u" Gold

^{*} Very low insertion force (VLI) § Ultra low insertion force (ULIF)

Follow These Steps to Order:

- 1. Select pattern and socket body center style from this section
- 2. Choose contact style from table at left or, from Section A
- 3. Determine insulator material best suited to your application or use Plastic Pin Carrier (PPC™ or HPC™).
- 4. Specify Heatsink attachment if required
- 5. See page F12 for recommended PCB layout diagrams
- 6. Please call for application assistance or samples

For other features please consult the factory:

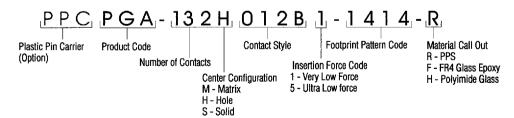
E = Standoff feet located on the top surface of the insulator

P = 'Pick-n-Place', circular tab in middle of ins. for auto placement

S = Standoff feet located on the bottom surface of the insulator

T = Heat sink mounting feature provided by the socket

How To Order



All McKenzie
Molded Sockets

Recognized

Insertion Force Note: McKenzie Technology strongly recommends using an Ultra Low Insertion Force (ULIF) style contact where the pin count exceeds 150 pins.

9011644 0000056 886

See section A for details



See page F5 and F6 for the industry's most effective PGA Extraction Tools.

3 x 3	ARR	AYS			DIMENSI	ONS:	.35	OCKETS 0" square 0)mm square		PPC™ CAR .300" squ (7,62)mm s	ıare
A100		A100 1 0 0 0		A100 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		A190 10 0 30 0		A100 1 000 3 000		A100 1 0 0 3 0 0	
09M	0301	08S	0310	M80	0302	06M	0303	06M	0304	04M	0305
4 x 4	ARR	AYS			DIMENSI	ONS:	.45	OCKETS 60" square 13)mm squar	e	PPC™ CAF .400" sqt (10,16)mm	uare
A100 10000 40000		o c		A100		A190		A100		100 100 400	
16M	0401	12M 0	408	12M	0402	12M	0403	08M	0404	08M	0405
A100 1 0 0 0 4 0 0 0		A100									
M80	0406	04M	0407								

5 x 5	ARRA	YS			DIMENS	SIONS:	.5	OCKETS 50" square 97)mm square		PPC™ CARI .500" squa (12,70)mm	are
A100E		A100E		A100E 1 00000 1 00000 5 00000		A100E 1 00000 1 00000 5 00000		A190E		A100E 100A00 100A00 100A00 50CA00	
25M	0501	24M	0502	23M	0515	22M	0503	21M	0516	21M	0512
A100E		1 000 E		A190E 1000E 1000E 1000E 1000E 1000E		A19°E		A100E		A100E 1 05 80 5 80 80	
21M	0509	20M	0514	20 M	0513	20M	0506	20M	0507	16M	0508
A190E 180088 8 8 8 5 8 8 8 8		100E 1000 1000 1000 1000 1000		1 000 E		A100E			MOLE	DED SOCKETS	
16M	0505	15 M	0511	12M	0504	10M	0510		® REC	COGNIZED	

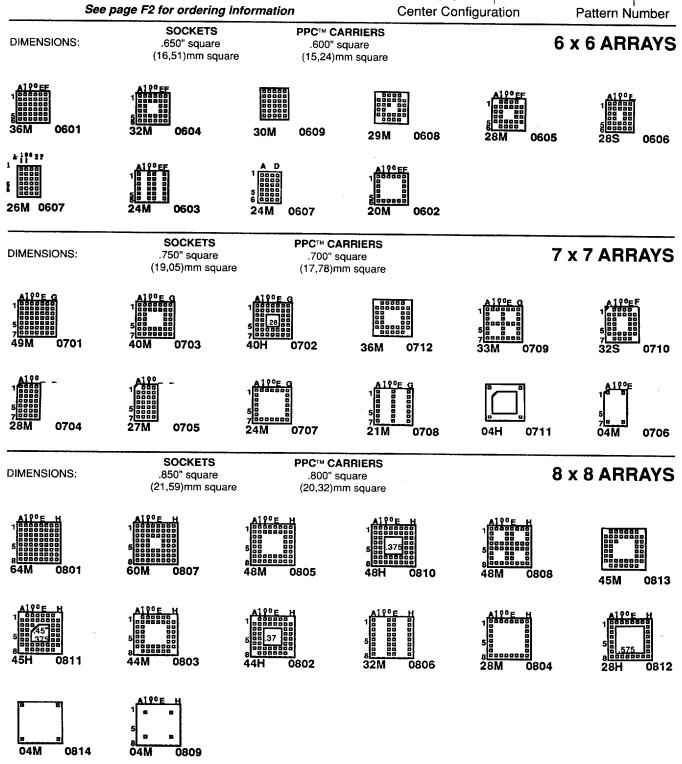
_ 📰 9011644 0000066 725 📰 _

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Polarity mark (contact #1) is located in upper left corner. Top view of sockets are shown from highest to lowest pin count. Arrays are available in molded Thermoplastic (UL 94V-0 approved) or vapor phase and infrared compatible PPS. Optional FR4 on request.

PGA-68H 003B1-1132
Pin Count Pattern Number



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9011644 0000067 661 🔳 _



Sockets from the industry's source! Widest variety of contact styles - over 140 contact options listed in Section A.

9 x 9 ARRAYS		DIMENSIONS:	SOCKETS .950" square (24,13)mm square	PPC™ CARRIERS .900" square (22,86)mm square
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	76M 0921	16000000000000000000000000000000000000	75M 0902
5 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5 000 29 000 000 000 000 000 000 000 000	5 0937	5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
11000000000000000000000000000000000000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	57M 0906	1 00000000 1 000000000 5 00000000000000000000000000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 000000000000000000000000000000000000	10040000000000000000000000000000000000	1 000000000000000000000000000000000000	100 mm 1
49M 0938	10000000000000000000000000000000000000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	46M 0915
45M 0933	1 000000 1 000000 5 000000 9 000000 9 000000	40M 0912	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
10000000000000000000000000000000000000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 8 19°E 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 A1 POE 1 B B B B B B B B B B B B B B B B B B	MOLDED SOCKETS BRECOGNIZED

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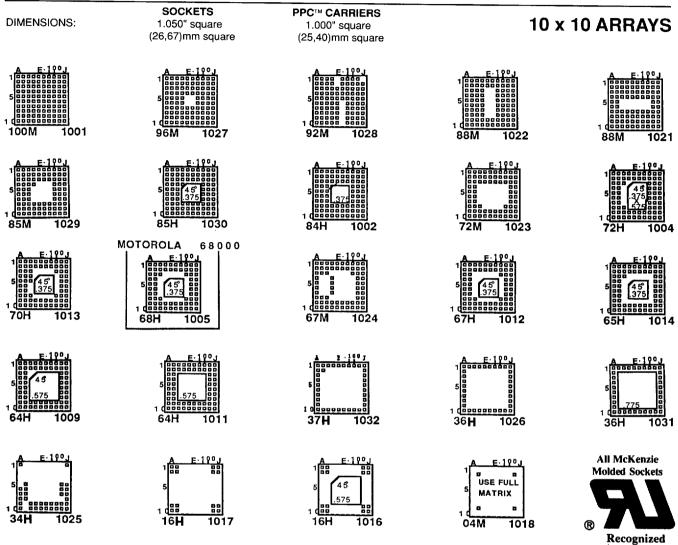
Polarity mark (contact #1) is located in upper left corner. Top view of sockets are shown from highest to lowest pin count. Arrays are available in molded Thermoplastic (UL 94V-0 approved) or vapor phase and infrared compatible PPS. Optional FR4 on request.

See page F2 for ordering information

Pin Count

Pin Count | Center Configuration

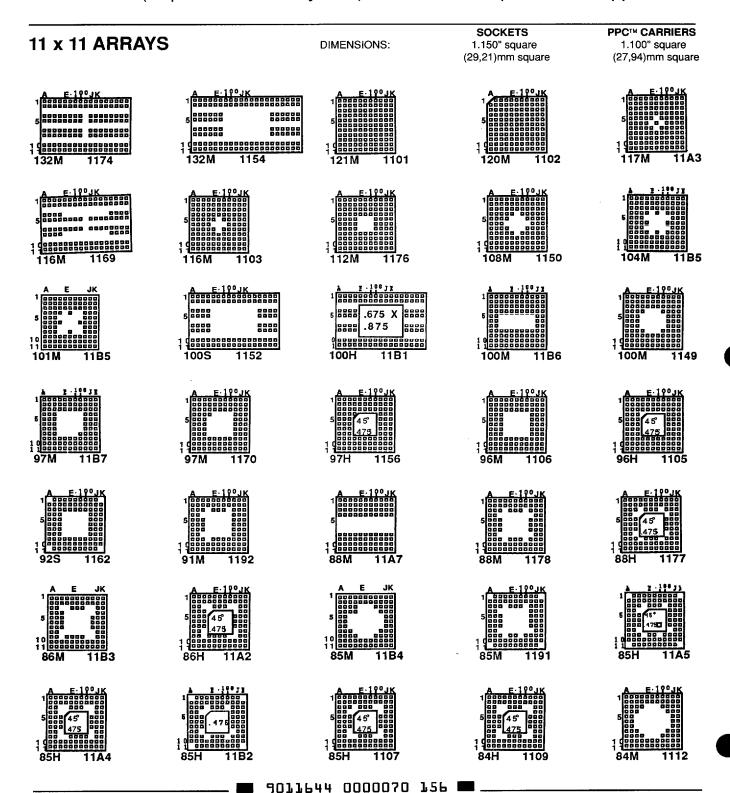
Pattern Number



■ 9011644 0000069 434 **■**



Select PPC™ (disposable carrier system) Sockets for low profile PGA applications.



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Polarity mark (contact #1) is located in upper left corner. Top view of sockets are shown from highest to lowest pin count. Arrays are available in molded Thermoplastic (UL 94V-0 approved) or vapor phase and infrared compatible PPS Optional FR4 on request.

P.G.A.-6.8.H. 0.0.3.B.1.-1.1.3.2.

Pin Count Determined Pattern Number

See page F2 for ordering information Center Configuration Pattern Number SOCKETS PPC™ CARRIERS **DIMENSIONS:** 11 x 11 ARRAYS 1.150" square 1.100" square (29,21)mm square (27,94)mm square <u>116</u>3 11<u>A</u>0

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9011644 0000071 092 -



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11 x 11 ARRAY	S	DIMENSIONS:	SOCKETS 1.150" square (29,21)mm square	PPC™ CARRIERS 1.100" square (27,94)mm square
5 45 88 475 88 72H 1164	1 1 1123	7 E-18°JK 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 475 E X X E S S S S S S S S S S S S S S S S	70M 1196
70M 1182	5 6 45 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	70M 1129	1 45° 1128	5 0 45 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	69H 11B8	(Intel	80387 TM) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	67H 1134
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5 E 100 JK	A F-10°JK 1 888888888888888888888888888888888888	5 E-19°JK 5 E-19°JK 5 E-19°JK 675 E-19°JK	5 H 1138
5 64H 1146	45 1000000000000000000000000000000000000	A F: 19° JK 1	1 G G G G G G G G G G G G G G G G G G G	All McKenzie Molded Sockets Recognized

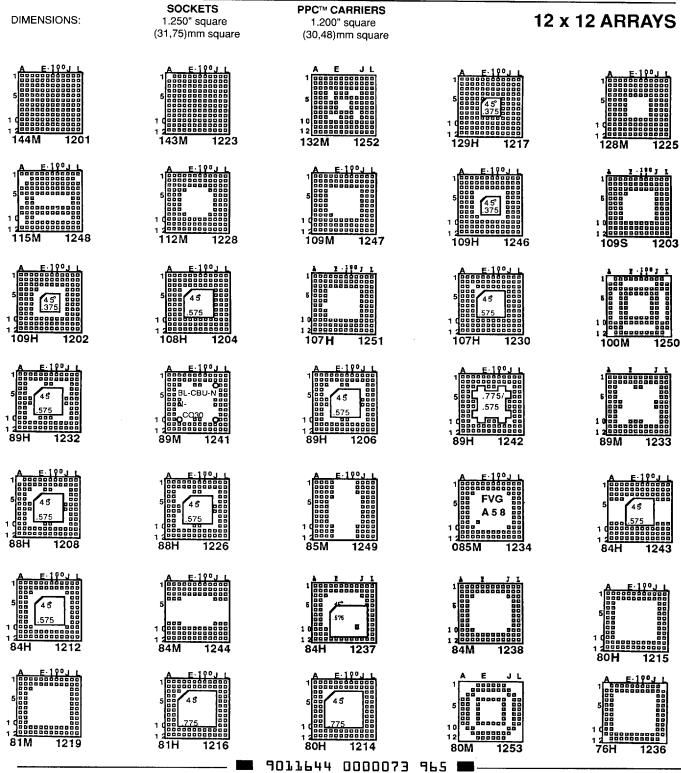
■ 9011644 0000072 T29 ■_



Polarity mark (contact #1) is located in upper left corner. Top view of sockets are shown from highest to lowest pin count. Arrays are available in molded Thermoplastic (UL 94V-0 approved) or vapor phase and infrared compatible PPS. Optional FR4 on request.

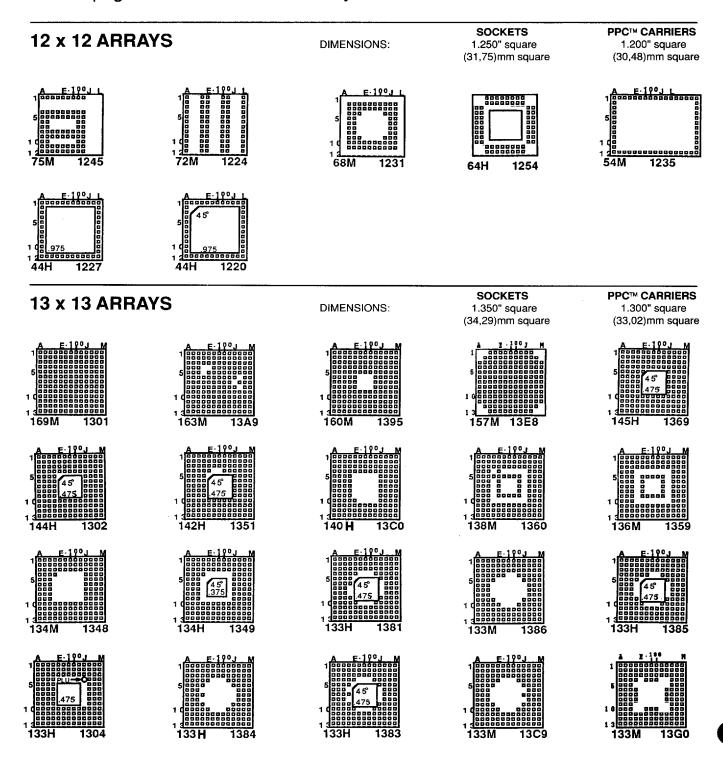
PGA-68H 003B1-1132

Pin Count See page F2 for ordering information Center Configuration Pattern Number





See page F5 and F6 for the industry's most effective PGA Extraction Tools.



■ 9011644 0000074 8T1 ■

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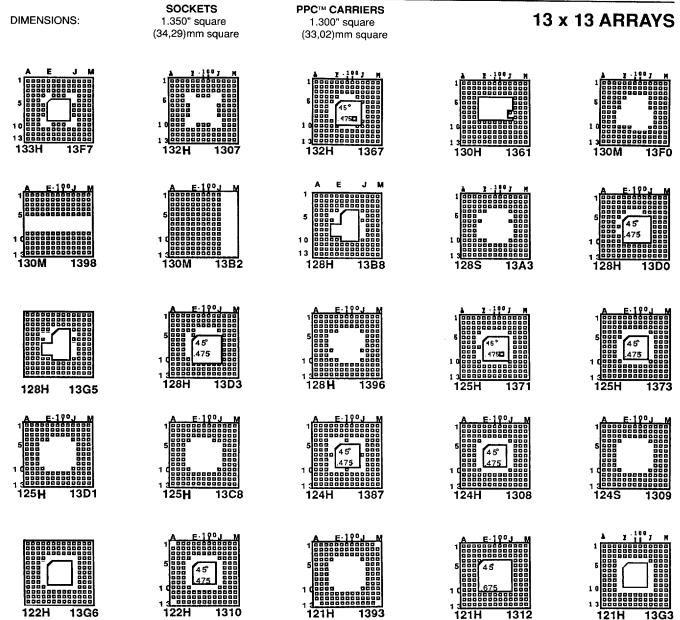
Polarity mark (contact #1) is located in upper left corner. Top view of sockets are shown from highest to lowest pin count. Arrays are available in molded Thermoplastic (UL 94V-0 approved) or vapor phase and infrared compatible PPS. Optional FR4 on request.

See page F2 for ordering information

PGA-68H 0.03B1-1132

Pin Count | Center Configuration

Pattern Number



- 🖿 9011644 0000075 738 🖚 🗕



Sockets from the industry's source! Widest variety of contact styles - over 140 contact options listed in Section A.

YS	DIMENSIONS:	SOCKETS 1.350" square (34,29)mm square	PPC™ CARRIERS 1.300" square (33,02)mm square
1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 675 1 1 1 20 H 1316	1 description 1	1 designation of the second of
1 1000 1000 1000 1000 1000 1000 1000 1	1 deed age 1307	1 15H 1389	1 designation of the second se
1 des 675 es 1004 m 13C3	1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 des 100 de 100	A E-19°J M 1000000000000000000000000000000000000
1 01 M 1345	1 01H 13G2	1 des 675 888 100 100 100 100 100 100 100 100 100	1 00H 13B5
100M 13F8	100M 13H0	1 description 1	All McKenzie Molded Sockets R
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DIMENSIONS: 1.350° square (34,29)mm squa

F22



Polarity mark (contact #1) is located in upper left corner. Top view of sockets are shown from highest to lowest pin count. Arrays are available in molded Thermoplastic (UL 94V-0 approved) or vapor phase and infrared compatible PPS. Optional FR4 on request.

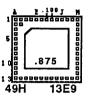
P.G.A.-6.8.H. 0.0.3.B.1.-1.1.3.2. Pin Count Pattern Number

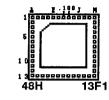
See page F2 for ordering information Center Configuration Pattern Number SOCKETS PPC™ CARRIERS **13 x 13 ARRAYS** 1.300" square DIMENSIONS: 1.350" square (34,29)mm square (33,02)mm square 1365 13G8 1325 13C7 100M **MOTOROLA** 56001 89H 13G1 1391 1379 13**G**9 84H 85H 1331 1354 1333 84H 13F6 1362 1335 1342 1343



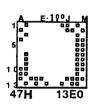
Select PPC™ (disposable carrier system) Sockets for low profile PGA applications.

13 x 13 ARRAYS





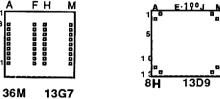
DIMENSIONS:



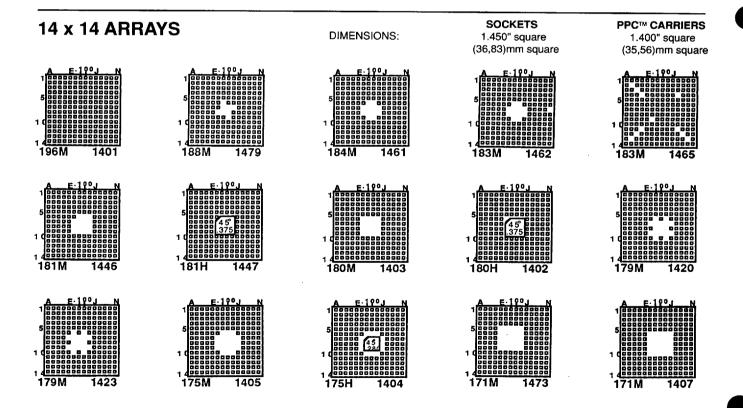
SOCKETS 1.350" square

(34,29)mm square









_ **==** 9011644 0000078 447 **==** <u></u>



Polarity mark (contact #1) is located in upper left corner. Top view of sockets are shown from highest to lowest pin count. Arrays are available in molded Thermoplastic (UL 94V-0 approved) or vapor phase and infrared compatible PPS. Optional FR4 on request.

PGA-68H, 0.03B1,-1132
Pin Count Pattern Number

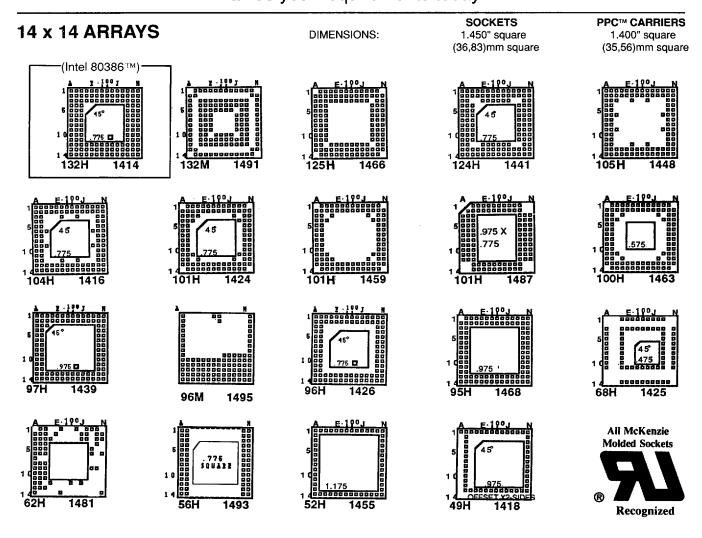
See page F2 for ordering information Center Configuration Pattern Number SOCKETS PPC™ CARRIERS DIMENSIONS: **14 x 14 ARRAYS** 1.450" square 1.400" square (36,83)mm square (35,56)mm square 1406 161M 1445 <u>60M</u> 1428 1434 E·190 0g00000000000 1 · 1 · 1 · 1 · 1 · 1 0000000000000000 1492 139M 1475 1456 136M 136H 135H 1494 133M

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9011644 0000079 383 📟 _



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. 📰 9011644 0000080 OT5 📟 🗀



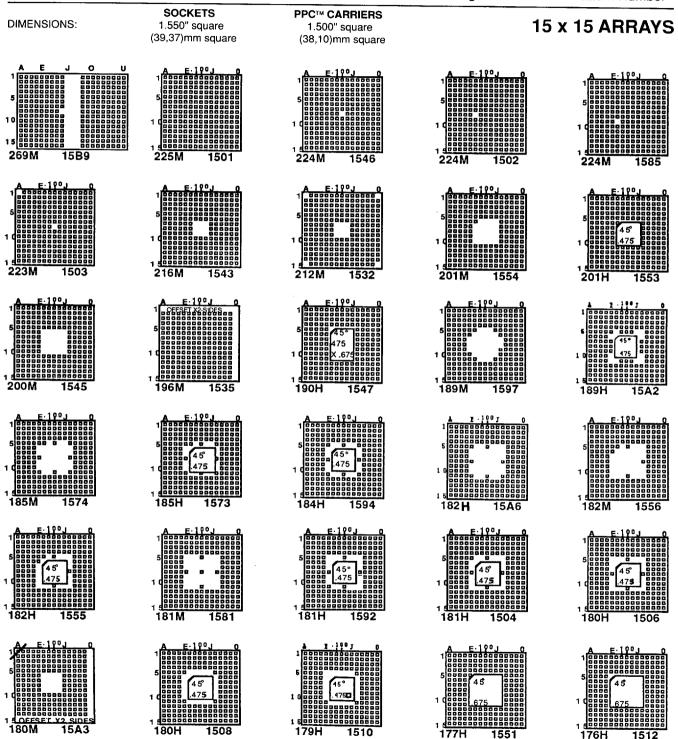
Polarity mark (contact #1) is located in upper left corner. Top view of sockets are shown from highest to lowest pin count. Arrays are available in molded Thermoplastic (UL 94V-0 approved) or vapor phase and infrared compatible PPS. Optional FR4 on request.

See page F2 for ordering information

Pin Count 0.03,B.1 - 1.13.2

Pin Count | Center Configuration

Pattern Number

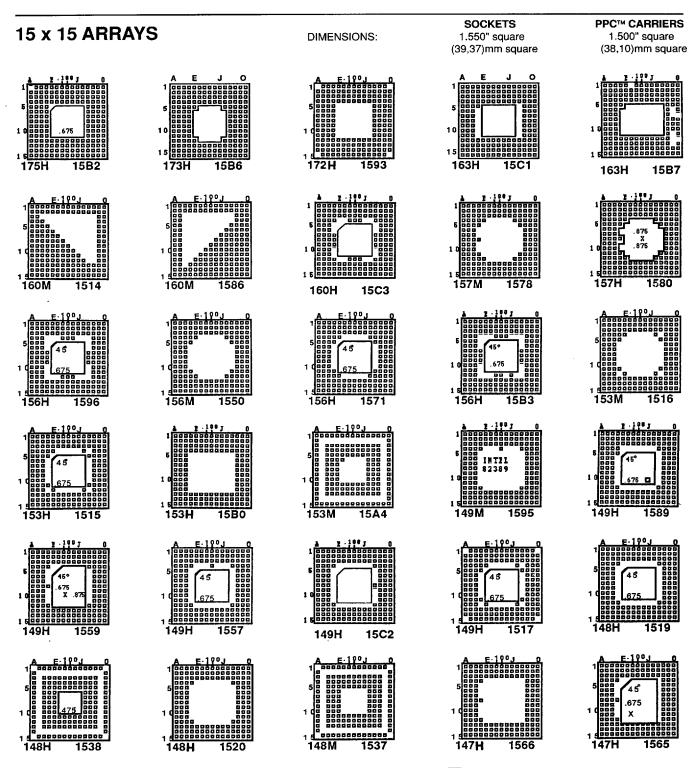


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9011644 0000081 T31 **III** _



See page F5 and F6 for the industry's most effective PGA Extraction Tools.



9011644 0000082 978 📟 . F28



Polarity mark (contact #1) is located in upper left corner. Top view of sockets are shown from $highest \, to \, lowest \, pin \, count. \, Arrays \, are \, available \, in \, molded \, Thermoplastic \, (UL \, 94 \, V - 0 \, approved)$ or vapor phase and infrared compatible PPS. Optional FR4 on request.

P.G.A.-6.8.H. 0.0.3.B.1.-1.1.3.2

Pin Count _ Center Configuration

Pattern Number

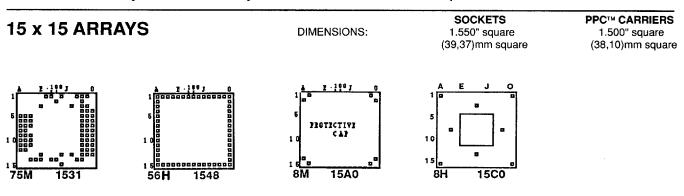
See page F2 for ordering information SOCKETS PPC™ CARRIERS DIMENSIONS: 1.550" square 1.500" square **15 x 15 ARRAYS** (39,37)mm square (38,10)mm square 146H 15B8 146H 15B5 1521 144H 1584 15**B**4 1525 1528 1527 133M 124M 1539 1540 108H 1536 1598 101H 1569 00000000000 100M 15A9 100M 15B1 100H 1529 1544

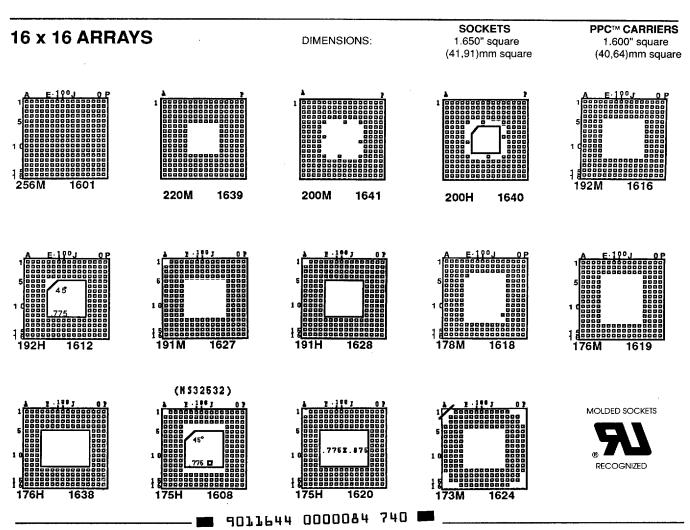
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9011644 0000083 804 📟



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Polarity mark (contact #1) is located in upper left corner. Top view of sockets are shown from highest to lowest pin count. Arrays are available in molded Thermoplastic (UL 94V-0 approved) or vapor phase and infrared compatible PPS. Optional FR4 on request.

Pin Count Center Configuration Pattern Number

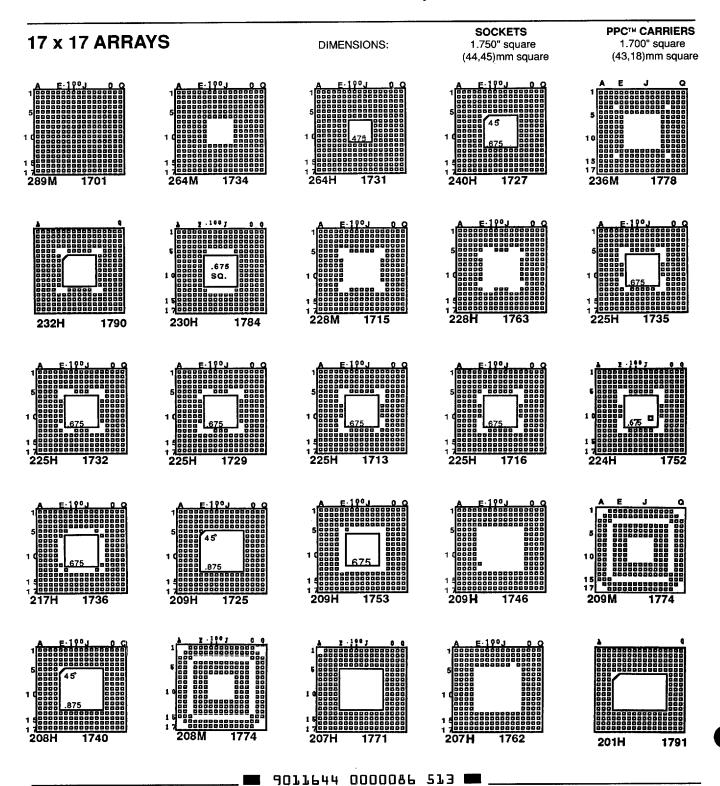
See page F2 for ordering information

			Contor Configuration	rattern Number
DIMENSIONS:	SOCKETS 1.650" square (41,91)mm square	PPC™ CARRIERS 1.600" square (40,64)mm square		16 x 16 ARRAYS
1 173M 1609	A E 19°J OP 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 1636	A E-10°J OP	1 45 1 45 1 60H 1604
173M 1609	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 159H 1637	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 45° JOP 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 4 E 190 J 0 P 1 P 1 P 1 P 1 P 1 P 1 P 1 P 1 P 1 P	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 0 7 0 7 1 1 1 1 1 1 1 1 1 1 1	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 (100 1.175 112H 1610	A E-190J OP	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		MOLDED INSULATORS RECOGNIZED

9011644 0000085 687 🔳



RISC Sockets immediately available

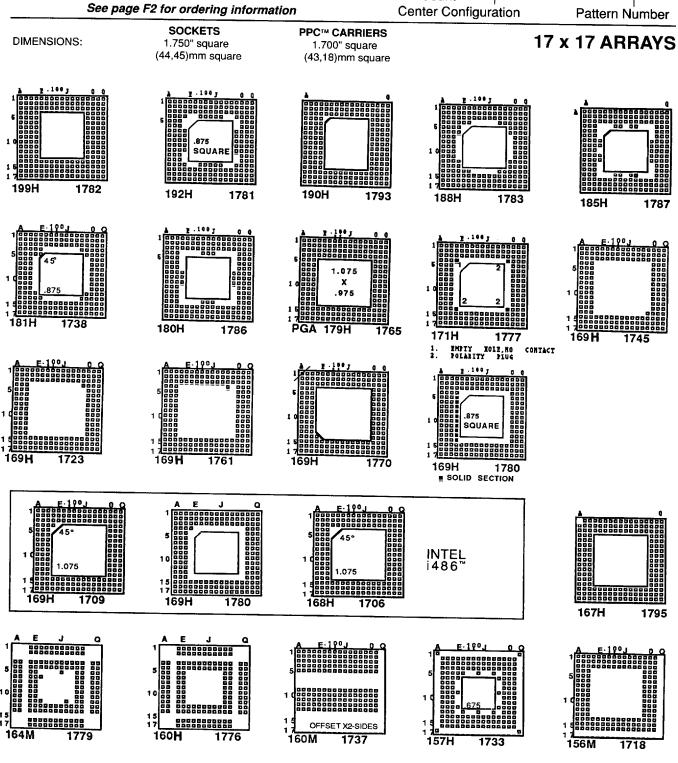


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Polarity mark (contact #1) is located in upper left corner. Top view of sockets are shown from highest to lowest pin count. Arrays are available in molded Thermoplastic (UL 94V-0 approved) or vapor phase and infrared compatible PPS. Optional FR4 on request.

Pin Count Pattern Number

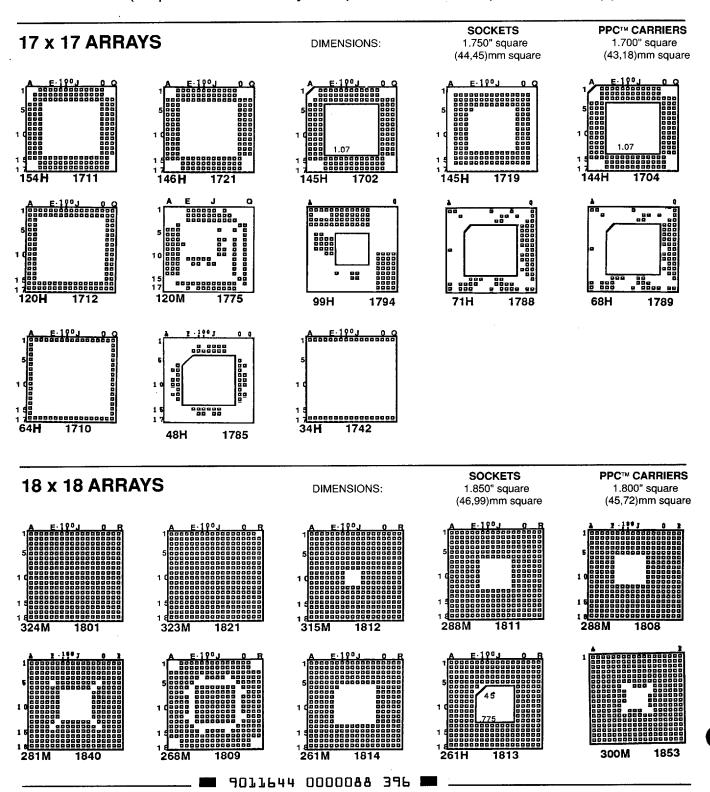


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9011644 0000087 457



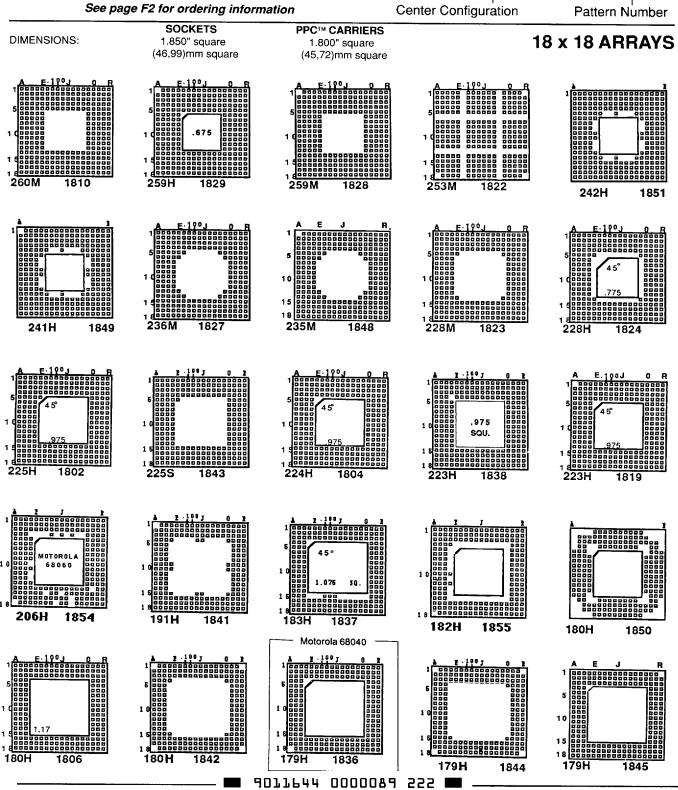
Select PPC™ (disposable carrier system) Sockets for low profile PGA applications.





Polarity mark (contact #1) is located in upper left corner. Top view of sockets are shown from highest to lowest pin count. Arrays are available in molded Thermoplastic (UL 94V-0 approved) or vapor phase and infrared compatible PPS. Optional FR4 on request.

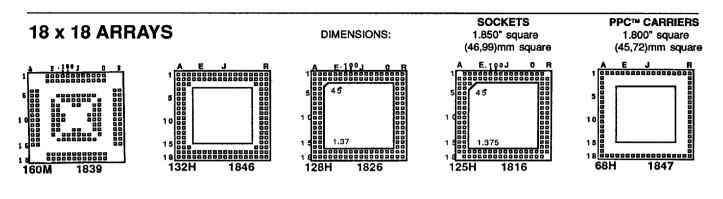
P.G.A.-6.8.H. 0.03.8.1.-1.1.3.2. Pin Count Center Configuration Pattern Number

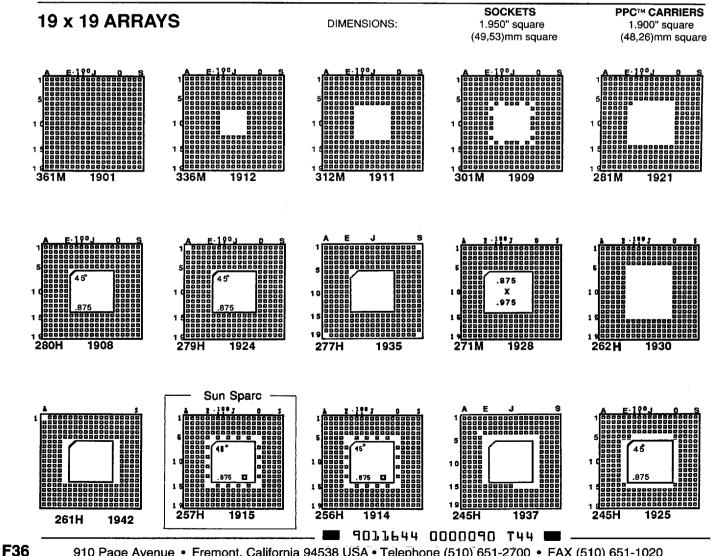


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Select PPC™ (disposable carrier system) Sockets for low profile PGA applications.







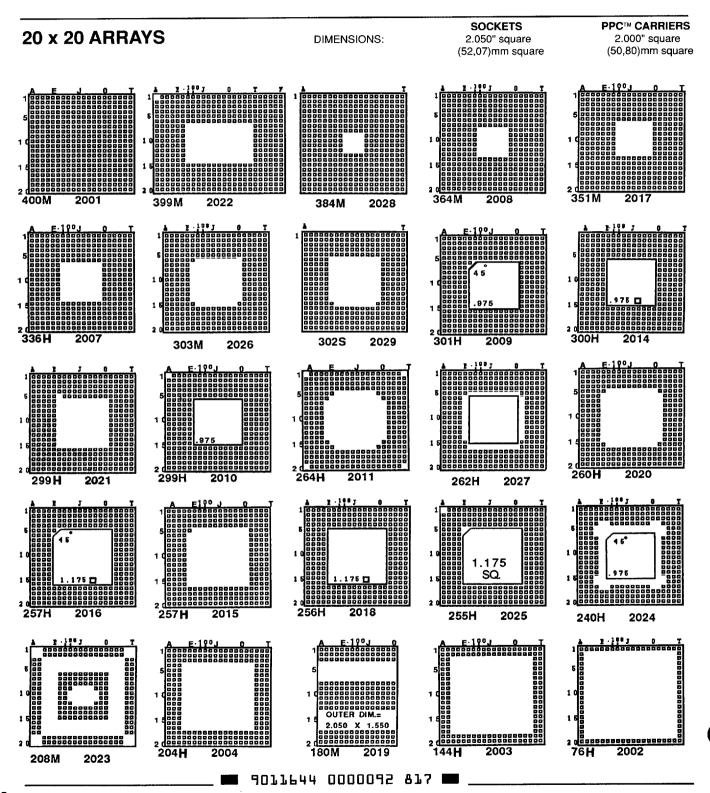
Polarity mark (contact #1) is located in upper left corner. Top view of sockets are shown from highest to lowest pin count. Arrays are available in molded Thermoplastic (UL 94V-0 approved) or vapor phase and infrared compatible PPS. Optional FR4 on request.

Pin Count Pattern Number

See page F2 for ordering information Pattern Number SOCKETS PPC™ CARRIERS **DIMENSIONS:** 1.950" square 1.900" square **19 x 19 ARRAYS** (49,53)mm square (48,26)mm square 1931 244 H 1927 1936 243M 243M 1944 intel P24T Overdrive 243H 1932 1939 1905 238H 1938 1926 237H 1950 236H 1945 184H 1934 168H 1943 136H 1933 164M 1941 105 H 1940 9 (001.3 2000000000000000 E-190J 0 S 20000000000000 00889999999999999999 1917 1902 74M 1929 9011644 0000091 980



RISC Sockets immediately available.

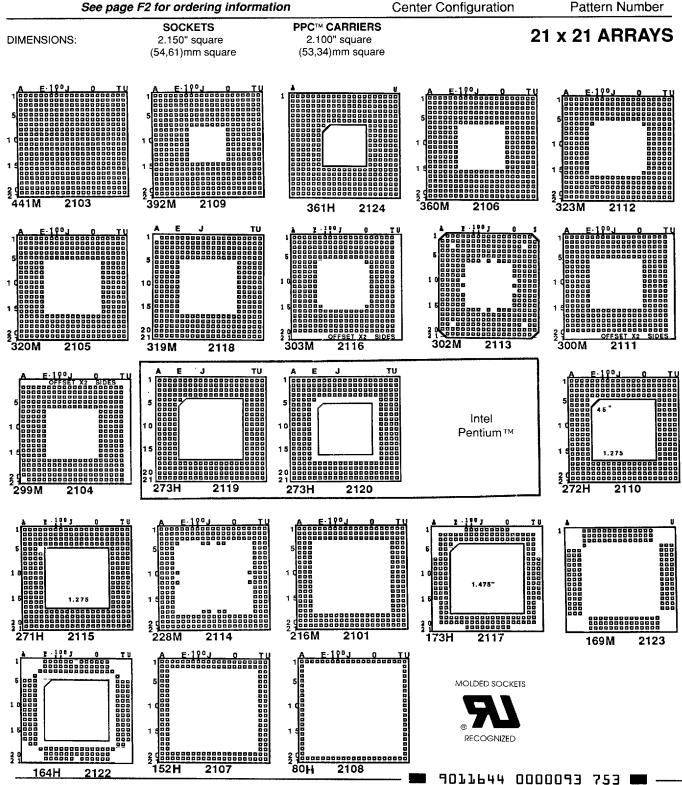


F38



Polarity mark (contact #1) is located in upper left corner. Top view of sockets are shown from highest to lowest pin count. Arrays are available in molded Thermoplastic (UL 94V-0 approved) or vapor phase and infrared compatible PPS. Optional FR4 on request.

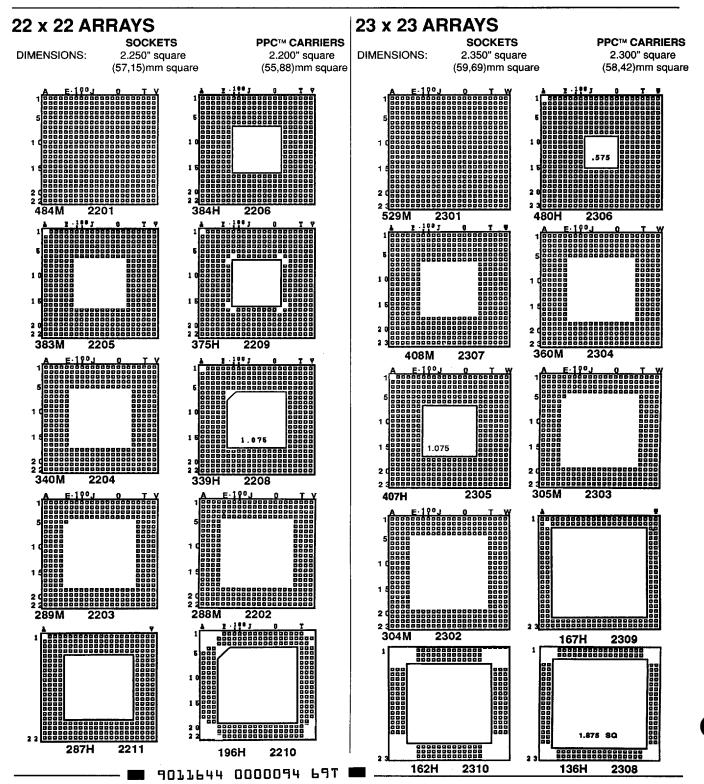
P.G.A.-6.8.H. 0.0.3.B.1.-1.1.3.2. Pin Count _____ Center Configuration Pattern Number



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Polarity mark (contact #1) is located in upper left corner. Top view of sockets are shown from highest to lowest pin count. Arrays are available in molded Thermoplastic (UL 94V-0 approved) or vapor phase and infrared compatible PPS. Optional FR4 on request.

See page F2 for ordering information

PGA-6.8 H 0 0 3 B 1 - 1 1 3 2 Pin Count _

Center Configuration

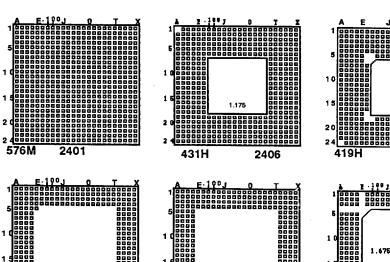
Pattern Number

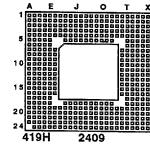
DIMENSIONS:

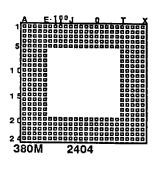
2403

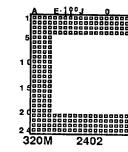
SOCKETS 2.450" square (62,23)mm square PPC™ CARRIERS 2.400" square (60,96)mm square

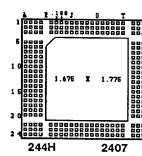
24 x 24 ARRAYS

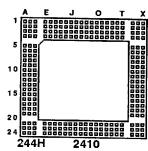


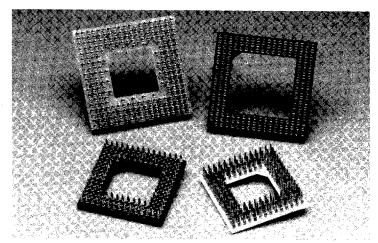










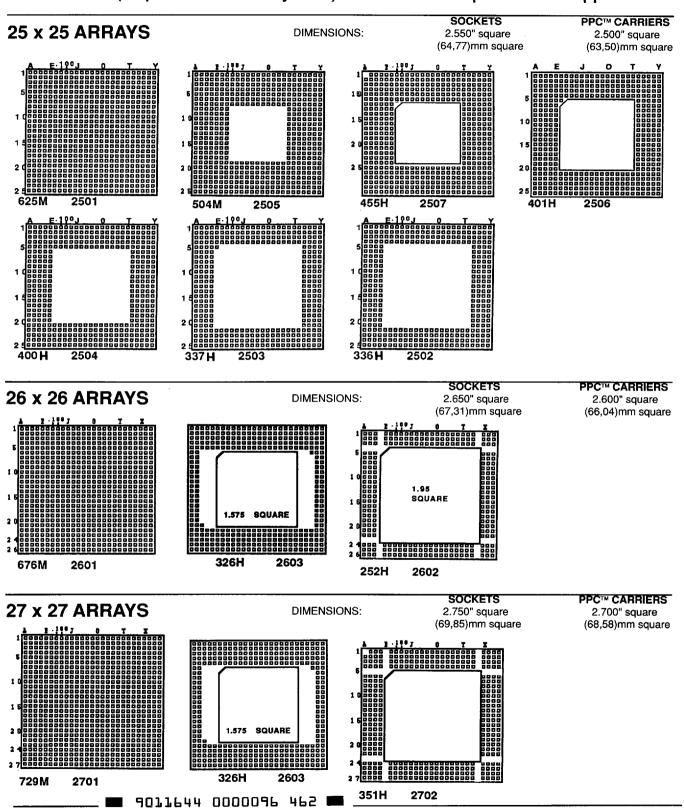


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