

2. Clam-Shell Socket

Unit: mm

Part Number	Body Size	Grid	Row/Array	Leads	Pitch	
BGA-119 (153)-1.27-01	14X22	7X17	FULL	119	1.27	2.10*
BGA-119 (153)-1.27-01A	14X22	7X17	FULL	119	1.27	2.10*
BGA-119 (153)-1.27-02	14X22	7X17	FULL	119	1.27	2.32*
BGA-119 (153)-1.27-03	14X22	7X17	FULL	119	1.27	2.26*
BGA-121 (441)-1.27-01	15X15	11X11	FULL	121	1.27	2.13*
BGA-121 (441)-1.27-23	15X15	11X11	FULL	121	1.27	1
BGA-136 (441)-1.27-22	25X25	19X19	2 ROW	136	1.27	1.45*
BGA-132 (441)-1.27-30	19X19	14X14	3 ROW	132	1.27	1.45*
BGA-153-1.27-01A	14X22	9X19	FULL	153	1.27	2.10*
BGA-160 (225)-1.5-01AW	28X28	21X21	FULL	160	1.5	2.15*
BGA-162 (225)-1.5-01	27X27	15X15	FULL	162	1.5	2.15*
BGA-165 (225)-1.5-01	23X23	13X13	FULL	165	1.5	2.15*
BGA-168 (441)-1.27-18	23X23	17X17	3 ROW	168	1.27	1.40*
BGA-169 (441)-1.27-01	19X19	13X13	FULL	169	1.27	1.96*
BGA-169 (441)-1.27-49	17X17	13X13	FULL	169	1.27	1.80*
BGA-169 (225)-1.5-01	23X23	13X13	FULL	169	1.5	2.15*
BGA-169 (225)-1.5-01A	23X23	13X13	FULL	169	1.5	2.15*
BGA-169 (225)-1.5-02	23X23	13X13	FULL	169	1.5	2.32*
BGA-174 (441)-1.27-10	23X23	18X18	3 ROW	174	1.27	2.30*
BGA-192 (441)1.27-01	23X23	17X17	3 ROW	192	1.27	2.13*
BGA-192 (441)-1.27-17	23X23	17X17	3 ROW	192	1.27	0.96*
BGA-192 (441)-1.27-22	25X25	19X19	3 ROW	192	1.27	1.45*
BGA-192 (441)-1.27-28	23X23	17X17	3 ROW	192	1.27	2.09*
BGA-204 (441)-1.27-06	27X27	20X20	3 ROW	204	1.27	1.38*
BGA-208 (441)-1.27-14	23X23	17X17	4 ROW	208	1.27	2
BGA-208 (441)-1.27-53	23X23	17X17	4 ROW	208	1.27	1.55*
BGA-208 (441)-1.27-71	23X23	17X17	4 ROW	208	1.27	2.92*
BGA-209 (441)-1.27-41	25X21	19X11	FULL	209	1.27	2.06*
BGA-209 (441)-1.27-46	25X21	15X15	5 ROW	209	1.27	1.66*
BGA-217 (441)-1.27-37	23X23	17X17	FULL	217	1.27	2.33*
BGA-217 (441)-1.27-72	23X23	17X17	4 ROW	217	1.27	1.96*
BGA-225-1.5-01	27X27	15X15	FULL	225	1.5	2.15*
BGA-225-1.5-01A	27X27	15X15	FULL	225	1.5	2.15*
BGA-225-1.5-01C	27X27	15X15	FULL	225	1.5	2.37*
BGA-225 (441)-1.27-80	23X23	15X15	FULL	225	1.27	1.96*
BGA-228 (441)-1.27-54	16X16	21X21	6 ROW	228	1.27	2.36*
BGA-240 (841)-1.27-15	-	-	-	240	1.27	-
BGA-252 (441)-1.27-07	21X21	16X16	FULL	252	1.27	2.60*
BGA-255 (441)-1.27-01	27X27	20X20	FULL	255	1.27	2.13*
BGA-255 (441)-1.27-26	21X21	16X16	FULL	255	1.27	3.22*
BGA-255 (441)-1.27-36	25X25	17X17	FULL	255	1.27	3.59*
BGA-256 (441)-1.27-01	27X27	20X20	4 ROW	256	1.27	2.13*
BGA-256 (441)-1.27-02	27X27	20X20	4 ROW	256	1.27	2.36*
BGA-256 (441)-1.27-03	27X27	20X20	4 ROW	256	1.27	2.33*
BGA-256 (441)-1.27-03W	27X27	20X20	4 ROW	256	1.27	2.33*
BGA-256 (441)-1.27-04	27X27	20X20	4 ROW	256	1.27	2.13*
BGA-256 (441)-1.27-05	23X23	16X16	FULL	256	1.27	2.13*

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BGA-256 (441)-1.27-06	27X27	20X20	4 ROW	256	1.27	1.38*
BGA-256 (441)-1.27-16	27X27	20X20	4 ROW	256	1.27	2.09*
BGA-256 (441)-1.27-27	27X27	20X20	4 ROW	256	1.27	2.09*
BGA-256 (441)-1.27-47	27X27	20X20	4 ROW	256	1.27	1.54*
BGA-272 (441)-1.27-01	27X27	20X20	4 ROW	272	1.27	2.13*
BGA-272 (441)-1.27-11	29X29	21X21	4 ROW	272	1.27	1.38*
BGA-272 (441)-1.27-12	27X27	20X20	4 ROW	272	1.27	2.15*
BGA-272 (441)-1.27-16	27X27	20X20	4 ROW	272	1.27	2.09*
BGA-272 (441)-1.27-20	27X27	20X20	4 ROW	272	1.27	2.33*
BGA-272 (441)-1.27-21	29X29	21X21	4 ROW	272	1.27	3.05*
BGA-272 (441)-1.27-27	27X27	20X20	4 ROW	272	1.27	2.09*
BGA-272 (441)-1.27-65	27X27	20X20	4 ROW	272	1.27	2.10*
BGA-272 (441)-1.27-68	27X27	20X20	4 ROW	272	1.27	2.33*
BGA-292 (441)-1.27-01	27X27	20X20	4 ROW	292	1.27	2.13*
BGA-292 (441)-1.27-02	27X27	20X20	4 ROW	292	1.27	2.33*
BGA-303 (441)-1.27-01	25X21	17X21	FULL	303	1.27	1.80*
BGA-304 (841)-1.27-15	31X31	23X23	4 ROW	304	1.27	1.38*
BGA-304 (841)-1.27-17	31X31	23X23	4 ROW	304	1.27	1.17*
BGA-304 (441)-1.27-66	31X31	23X23	4 ROW	304	1.27	1.57*
BGA-312 (841)-1.27-08	37.5X37.5	29X29	3 ROW	312	1.27	1.38*
BGA-313 (841)-1.27-01	35X35	25X25	STAGGERED	313	1.27	2.57*
BGA-313 (841)-1.27-02	35X35	25X25	STAGGERED	313	1.27	2.33*
BGA-313 (841)-1.27-02W	35X35	25X25	STAGGERED	313	1.27	2.33*
BGA-313 (841)-1.27-03	35X35	25X25	STAGGERED	313	1.27	3.0*
BGA-313 (841)-1.27-04	35X35	25X25	STAGGERED	313	1.27	2.825*
BGA-313 (841)-1.27-24	35X35	25X25	STAGGERED	313	1.27	3.11*
BGA-313 (841)-1.27-28	35X35	25X25	STAGGERED	313	1.27	1.13*
BGA-313 (841)-1.27-32	35X35	25X25	STAGGERED	313	1.27	1.13*
BGA-316 (441)-1.27-70	27X27	20X20	5 ROW	316	1.27	2.33*
BGA-320 (441)-1.27-01	27X27	20X20	4 ROW	320	1.27	2.17*
BGA-320 (841)-1.27-01	31X31	24X24	5 ROW	320	1.27	2.91*
BGA-324 (441)-1.27-02	27X27	20X20	5 ROW	324	1.27	2.33*
BGA-328 (441)-1.27-20	27X27	20X20	5 ROW	328	1.27	2.33*
BGA-328 (441)-1.27-51	27X27	20X20	5 ROW	328	1.27	2.33*
BGA-329 (841)-1.27-40	31X31	25X25	4 ROW	329	1.27	2.33*
BGA-336 (441)-1.27-51	27X27	20X20	5 ROW	336	1.27	2.33*
BGA-352 (841)-1.27-01	35X35	26X26	4 ROW	352	1.27	2.33*
BGA-352 (841)-1.27-01W	35X35	26X26	4 ROW	352	1.27	2.33*
BGA-352 (841)-1.27-09	35X35	26X26	4 ROW	352	1.27	1.38*
BGA-352 (841)-1.27-21	35X35	26X26	4 ROW	352	1.27	2.33*
BGA-352 (841)-1.27-27	35X35	26X26	4 ROW	352	1.27	2.29*
BGA-352 (841)-1.27-31	35X35	24X24	4 ROW	352	1.27	2.29*
BGA-352 (841)-1.27-35	35X35	24X24	4 ROW	352	1.27	1.40*
BGA-352 (841)-1.27-61	35X35	24X24	4 ROW	352	1.27	1.55*
BGA-352 (841)-1.27-63	35X35	24X24	4 ROW	352	1.27	1.45*
BGA-352 (841)-1.27-81	35X35	24X24	4 ROW	352	1.27	2.33*
BGA-356 (841)-1.27-41	35X35	24X24	CUSTOM	356	1.27	1.45*
BGA-357 (441)-1.27-01	25X25	19X19	FULL	357	1.27	1.76*

Part Number	Body Size	Grid	Row/Array	Leads	Pitch	
BGA-360 (441)-1.27-35	25X25	19X19	FULL	360	1.27	3.36*
BGA-360 (441)-1.27-38	25X25	19X19	FULL	360	1.27	3.36*
BGA-361 (441)-1.27-01	25X25	19X19	FULL	361	1.27	1.76*
BGA-361 (441)-1.27-02	25X25	19X19	FULL	361	1.27	4.50*
BGA-361 (441)-1.27-24	25X25	19X19	FULL	361	1.27	4.50*
BGA-380 (841)-1.27-10	31X31	24X24	5 ROW	380	1.27	1.97*
BGA-380 (841)-1.27-68	31X31	24X24	5 ROW	380	1.27	1.57*
BGA-384 (841)-1.27-42	37.5X37.5	28X28	4 ROW	384	1.27	3.58*
BGA-384 (841)-1.27-74	37.5X37.5	28X28	4 ROW	384	1.27	1.78*
BGA-385 (841)-1.27-57	31X31	23X23	5 ROW`	385	1.27	2.33*
BGA-388 (841)-1.27-01	35X35	26X26	4 ROW	388	1.27	2.33*
BGA-388 (841)-1.27-01W	35X35	26X26	4 ROW	388	1.27	2.33*
BGA-388 (841)-1.27-07	35X35	26X26	4 ROW	388	1.27	2.64*
BGA-388 (841)-1.27-22	35X35	26X26	4 ROW	388	1.27	2.64*
BGA-388 (841)-1.27-27	35X35	26X26	4 ROW	388	1.27	2.33*
BGA-388 (841)-1.27-31	35X35	26X26	4 ROW	388	1.27	2.29*
BGA-388 (841)-1.27-69	27X27	20X20	FULL	388	1.27	4.10*
BGA-388 (841)-1.27-82	35X35	24X24	4 ROW	388	1.27	2.33*
BGA-388 (841)-1.27-87	35X35	24X24	4 ROW	388	1.27	2.33*
BGA-416 (841)-1.27-01	35X35	26X26	5 ROW	416	1.27	2.15*
BGA-416 (841)-1.27-04	40X40	30X30	4 ROW	416	1.27	4.20*
BGA-416 (841)-1.27-64	35X35	26X26	4 ROW	416	1.27	2.72*
BGA-420 (841)-1.27-21	35X35	26X26	5 ROW	420	1.27	2.33*
BGA-420 (841)-1.27-67	35X35	26X26	5 ROW	420	1.27	1.57*
BGA-432 (841)-1.27-10	31X31	24X24	6 ROW	432	1.27	1.97*
BGA-432 (841)-1.27-33	31X31	24X24	6 ROW	432	1.27	1.97*
BGA-432 (1089)-1.27-03	40X40	30X30	4 ROW	432	1.27	1.98*
BGA-441-1.27-77	27X27	21X21	FULL	441	1.27	2.79*
BGA-448 (1089)-1.27-19	42.5X42.5	33X33	4 ROW	448	1.27	1.758*
BGA-456 (841)-1.27-14	35X35	26X26	5 ROW	456	1.27	2.30*
BGA-456 (841)-1.27-21	35X35	26X26	5 ROW	456	1.27	2.33*
BGA-456 (841)-1.27-25	35X35	26X26	5 ROW	456	1.27	2.71*
BGA-456 (841)-1.27-39	35X35	26X26	5 ROW	456	1.27	2.33*
BGA-456 (841)-1.27-87	35X35	26X26	5 ROW	456	1.27	2.76*
BGA-475 (841)-1.27-11	32.5X25	25X21	FULL	475	1.27	3.45*
BGA-479 (841)-1.27-01	40X40	29X29	5 ROW	479	1.27	2.76*
BGA-479 (841)-1.27-02	40X40	29X29	5 ROW	479	1.27	2.66*
BGA-479 (841)-1.27-02A	40X40	29X29	5 ROW	479	1.27	2.66*
BGA-479 (841)-1.27-03	40X40	29X29	5 ROW	479	1.27	1.79*
BGA-480 (841)-1.27-12	33X33	26X26	6 ROW	480	1.27	1.97*
BGA-480 (841)-1.27-34	33X33	26X26	6 ROW	480	1.27	1.97*
BGA-503 (841)-1.27-01	40X40	29X29	6 ROW	503	1.27	2.40*
BGA-503 (841)-1.27-01A	40X40	29X29	6 ROW	503	1.27	2.85*
BGA-503 (841)-1.27-01W	40X40	29X29	6 ROW	503	1.27	2.40*
BGA-503 (841)-1.27-05	40X40	29X29	6 ROW	503	1.27	1.143*
BGA-503 (841)-1.27-16	40X40	29X29	5 ROW	503	1.27	1.143*
BGA-504 (841)-1.27-52	35X35	27X27	6 ROW	504	1.27	1.55*
BGA-516 (841)-1.27-18	35X35	26X26	6 ROW	516	1.27	3.945*

Part Number	Body Size	Grid	Row/Array	Leads	Pitch	
BGA-516 (841)-1.27-30	35X35	26X26	6 ROW	516	1.27	4.15*
BGA-516 (841)-1.27-87	35X35	26X26	6 ROW	516	1.27	2.76*
BGA-525 (841)-1.27-X2	40X40	29X29	5 ROW	525	1.27	1.94*
BGA-525 (841)-1.27-X3	40X40	29X29	5 ROW	525	1.27	2.26*
BGA-525 (841)-1.27-63	40X40	29X29	5 ROW	525	1.27	4.09*
BGA-540 (1089)-1.27-05	42.5X42.5	32X32	5 ROW	540	1.27	3.53*
BGA-552 (841)-1.27-01	37.5X37.5	29X29	6 ROW	552	1.27	2.00*
BGA-552 (841)-1.27-23	37.5X37.5	29X29	6 ROW	552	1.27	1.97*
BGA-559 (1089)-1.27-02	42.5X42.5	31X31	6 ROW	559	1.27	1.39*
BGA-560 (1089)-1.27-03	42.5X42.5	33X33	5 ROW	560	1.27	1.38*
BGA-560 (1089)-1.27-55	42.5X42.5	33X33	5 ROW	560	1.27	1.54*
BGA-576 (1089)-1.27-14	40X40	30X30	6 ROW	576	1.27	4.40*
BGA-584 (841)-1.27-23	37.5X37.5	29X29	7 ROW	584	1.27	1.97*
BGA-584 (841)-1.27-60	37.5X37.5	29X29	7 ROW	584	1.27	1.55*
BGA-596 (1089)-1.27-20	40X40	30X30	6 ROW	596	1.27	1.54*
BGA-599 (1089)-1.27-12	42.5X42.5	31X31	6 ROW	599	1.27	1.42*
BGA-608 (1089)-1.27-06	40X40	30X30	6 ROW	608	1.27	1.46*
BGA-608 (1089)-1.27-24	40X40	30X30	6 ROW	608	1.27	1.46*
BGA-616 (841)-1.27-01	37.5X37.5	29X29	6 ROW	616	1.27	2.00*
BGA-616 (841)-1.27-69	37.5X37.5	29X29	6 ROW	616	1.27	1.55*
BGA-624 (841)-1.27-01	32.5X32.5	25X25	FULL	624	1.27	6.80*
BGA-625 (841)-1.27-44	32.33X32.33	25X25	FULL	625	1.27	2.60*
BGA-647 (1089)-1.27-11	45X45	33X33	7 ROW	647	1.27	1.42*
BGA-671 (1089)-1.27-01	40X40	31X31	7 ROW	671	1.27	1.38*
BGA-671 (1089)-1.27-23	40X40	31X31	7 ROW	671	1.27	1.38*
BGA-672 (1089)-1.27-01	40X40	31X31	7 ROW	672	1.27	1.96*
BGA-676 (841)-1.27-43	33.5X33.5	26X26	FULL	676	1.27	5.31*
BGA-728 (841)-1.27-29	35X35	27X27	FULL	728	1.27	5.50*
BGA-728 (841)-1.27-46	35X35	27X27	FULL	728	1.27	5.50*
BGA-736 (1089)-1.27-07	40X40	31X31	8 ROW	736	1.27	2.12*