Ball / Land Grid Array Sockets

Opened Clamshell Type

E-tec is now the leading BGA socket manufacturer.

EP patents 0829188, 0897655 US patents 6190181, 6249440 Patented in other countries.

Opened Clamshell sockets are available for any chip size and grid pattern. The SMT socket is simply placed and reflowed onto the PCB in the same way as the chip and occupies only a small amount of additional board space. The solderless sockets are mounted with 2 to 8 mounting pegs to the PCB depending on the chip size. The Opened Clamshell retainer uses does not require any tools for opening/closing of the socket for chip smaller than, and use a thumbscrew for bigger component. In case of thumbscrew, a torque tools or adjustment of pressdown force are available with this locking system also.

We aim to solve your requirements - your custom sets our standards!

Please note, we will always request the chip data to ensure we offer a compatible socket.





RoHS 2002/95/EC compliant



OPEN CLAMSHELL DIMENSIONS,

ACCORDING DIMENSIONS COMPONENT

Available for BGA, LGA, , QFN, PGA,

Ask dimensions for : Flatpack, gullwing, or special design.

Chip:	6 to 10 mm	11 to 15 mm	16 to 20mm	21 to 30 mm	31 to 35mm	36 to 40mm
А	31	36	43	53	58	63
В	23	28	33	43	48	53
С	27	27	27	27	27	27
D	45	45	45	45	45	45
E	4	4	4	4	4	4
F	5	8	12	22	27	32
G	10	10	15	15	20	25













CHIP 6 TO 10mm

CHIP 11 TO 15mm CHIP 16 TO 20mm

CHIP 21 TO 30mm

CHIP 31 TO 35mm

CHIP 36 TO 40mm



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