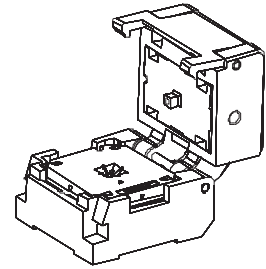


Burn-In Sockets QMC Series

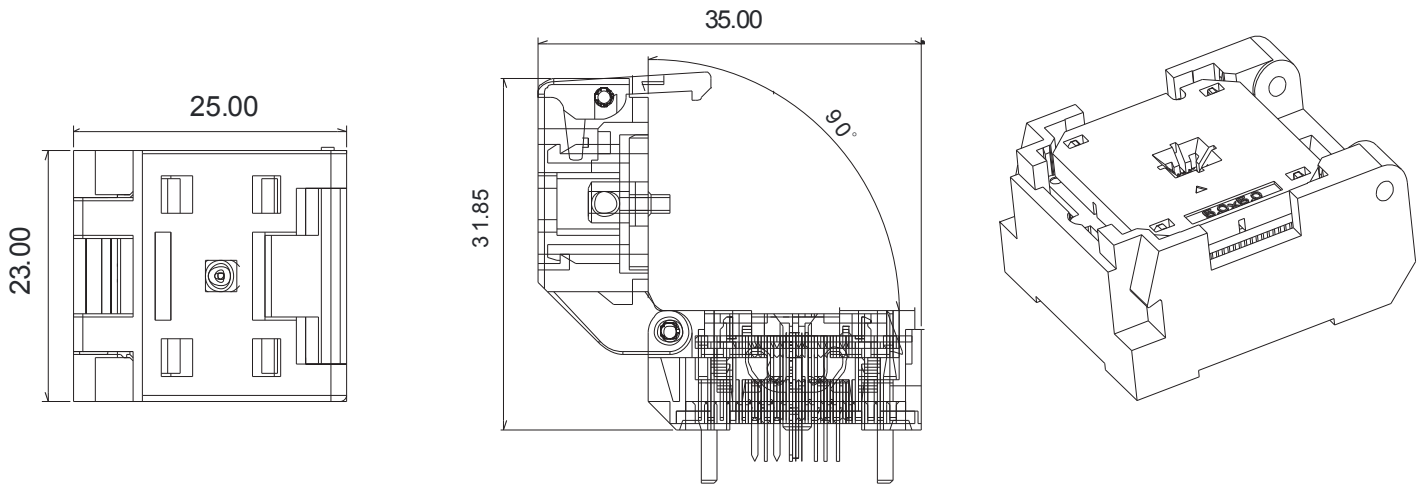
CLAMSHELL QFN SOCKET



Universal ClamShell Style for Thru-Hole mount
 Individual spring loaded pressure pad per device type
 Inexpensive GP insert accommodates many package sizes
 Opening provided on top for sensor placement
 X-shape stand-off prevents package from sticking
 Accommodate 0.5~1.2mm thick packages
 (See pages 14/15 for Open Top style)



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



You may request any specific socket dimension from info@e-tec.com

For top view socket dimension pls. ref. to separate catalog page

Specifications

Mechanical data

Contact life 15,000 cycles
 Contact Normal Force 5-8g Per Pin
 Operation Force 2.0Kg max

Material

Insulator (RoHS compliant) PES , PEI
 Contact (RoHS compliant) Beryllium Copper Alloy
 Contact plating Gold cover Nickel

Electrical data

Contact resistance < 30 mΩ
 Current rating 1A
 Insulation resistance at 500V DC 1,000 mΩ

Operating temperature

-55°C to +175°C

Recommendations:

Solder paste – Please use a solder paste w/o any silver!

Solder profile – Please refer to our website www.e-tec.com

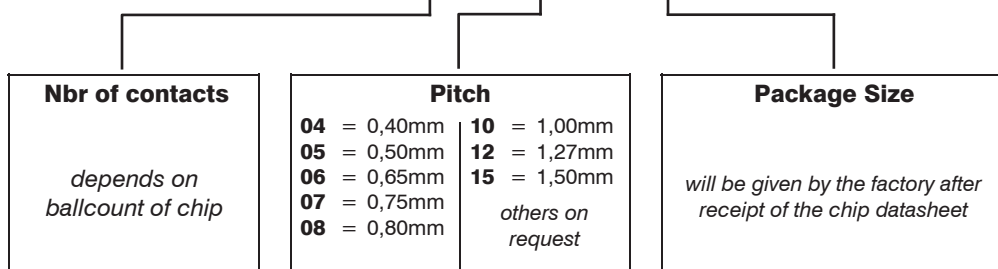
E-tec solderless sockets are adapted to a standard PCB thickness of 1.60mm. For a different PCB thickness, please inform E-tec first!

For high pincount SMT sockets, E-tec recommends the use of a pluggable thru-hole socket mounted into a MiniGrid Adapter (see also page 10, 11 & 12 for more details)

For SMT sockets in general, E-tec recommends the use of locating pegs which can be soldered to the PCB for added mechanical strength.

How to order

QMC - xxx - xx - xx.x/xx

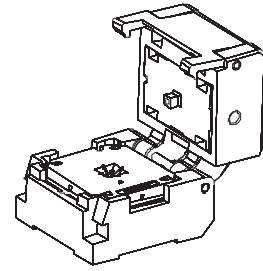


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Pitch	No. of Contacts	Pad Matrix	Package Size(mm)	Part Number
0.4	12	odd	2x2	QMC-012-04-2.0/2
	16	even	3x3	QMC-016-04-3.0/3
	20	odd	3x3	QMC-020-04-3.0/3
	24	even	4x4	QMC-024-04-4.0/4
	28	odd	4x4	QMC-028-04-4.0/4
	32	even	5x5	QMC-032-04-5.0/5
	36	odd	5x5	QMC-036-04-5.0/5
	40	even	5x5	QMC-040-04-5.0/5
	44	odd	6x6	QMC-044-04-6.0/6
	48	even	6x6	QMC-048-04-6.0/6
	52	odd	7x7	QMC-052-04-7.0/7
	56	even	7x7	QMC-056-04-7.0/7
	60	odd	8x8	QMC-060-04-8.0/8
	64	even	8x8	QMC-064-04-8.0/8
	76	odd	9x9	QMC-076-04-9.0/9
	80	even	9x9	QMC-080-04-9.0/9
	84	odd	10x10	QMC-084-04-10.0/10
	88	even	10x10	QMC-088-04-10.0/10
104	even	12x12	QMC-104-04-12.0/12	
108	odd	12x12	QMC-108-04-12.0/12	
0.5	12	odd	2x2	QMC-012-05-2.0/2
	16	even	3x3	QMC-016-05-3.0/3
	12	odd	3x3	QMC-012-05-3.0/3
	20	odd	3x3	QMC-020-05-3.0/3
	24	even	4x4	QMC-024-05-4.0/4
	20	odd	4x4	QMC-020-05-4.0/4
	32	even	5x5	QMC-032-05-5.0/5
	28	odd	5x5	QMC-028-05-5.0/5
	40	even	6x6	QMC-040-05-6.0/6
	36	odd	6x6	QMC-036-05-6.0/6
	48	even	7x7	QMC-048-05-7.0/7
	44	odd	7x7	QMC-044-05-7.0/7
	56	even	8x8	QMC-056-05-8.0/8
	52	odd	8x8	QMC-052-05-8.0/8
	64	even	9x9	QMC-064-05-9.0/9
	60	odd	9x9	QMC-060-05-9.0/9
	72	even	10x10	QMC-072-05-10.0/10
	68	odd	10x10	QMC-068-05-10.0/10
88	even	12x12	QMC-088-05-12.0/12	
84	odd	12x12	QMC-084-05-12.0/12	