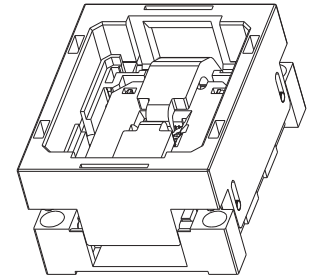


# Burn-In Sockets QOT Series

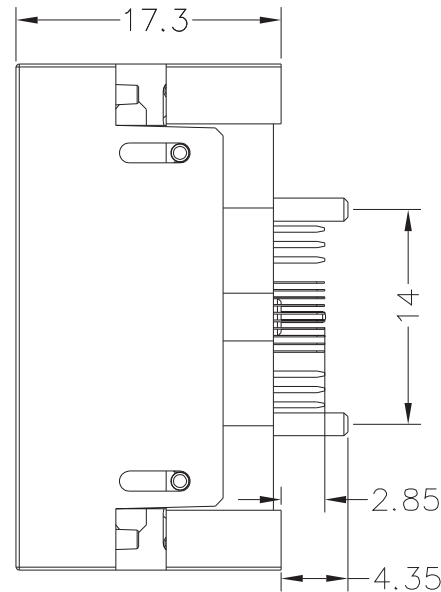
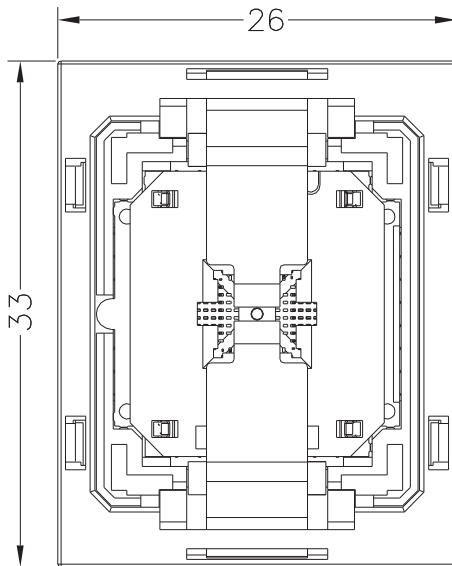
## OPEN TOP QFN SOCKET



Universal Open Top Style for Thru-Hole mount  
 Individual spring loaded pressure pad per device type  
 Inexpensive GP insert accommodates many package sizes  
 X-shape stand-off prevents package from sticking  
 Accommodate 0.5~1.2mm thick packages  
 (See pages 16/17 for ClamShell 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](mailto: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](http://www.e-tec.com)

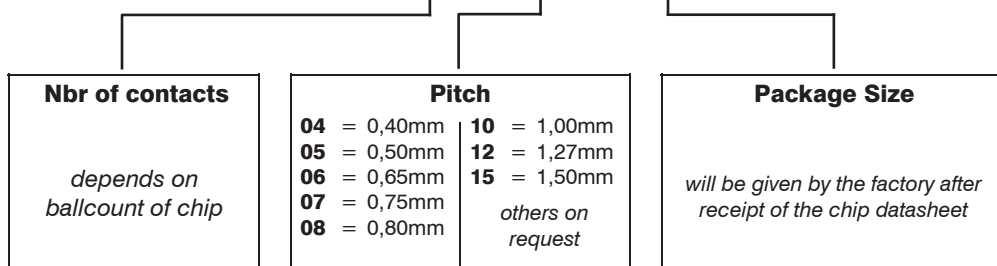
E-tec solderless sockets are adapted to a standard PCB thickness of 1.60mm. For a different PCB thickness, please inform E-tec first!

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

QOT - XXX - XX - XX.X/XX

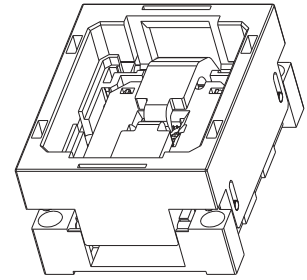


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Pitch	No. of Contacts	Pad Matrix	Package Size(mm)	Part Number
0.4	12	odd	2x2	QOT-012-04-2.0/2
	16	even	3x3	QOT-016-04-3.0/3
	20	odd	3x3	QOT-020-04-3.0/3
	24	even	4x4	QOT-024-04-4.0/4
	28	odd	4x4	QOT-028-04-4.0/4
	32	even	5x5	QOT-032-04-5.0/5
	36	odd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