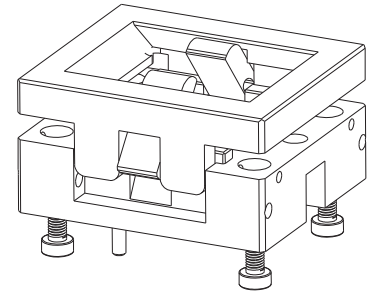


Burn-In Sockets BPT Series

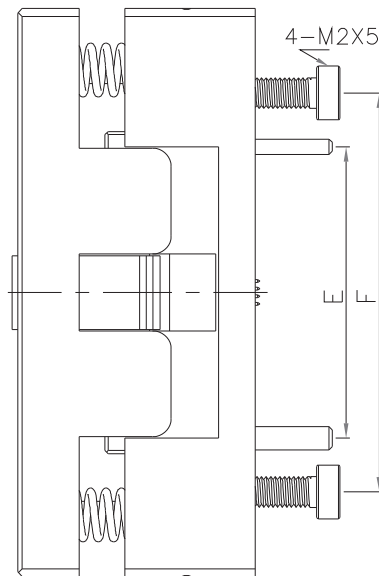
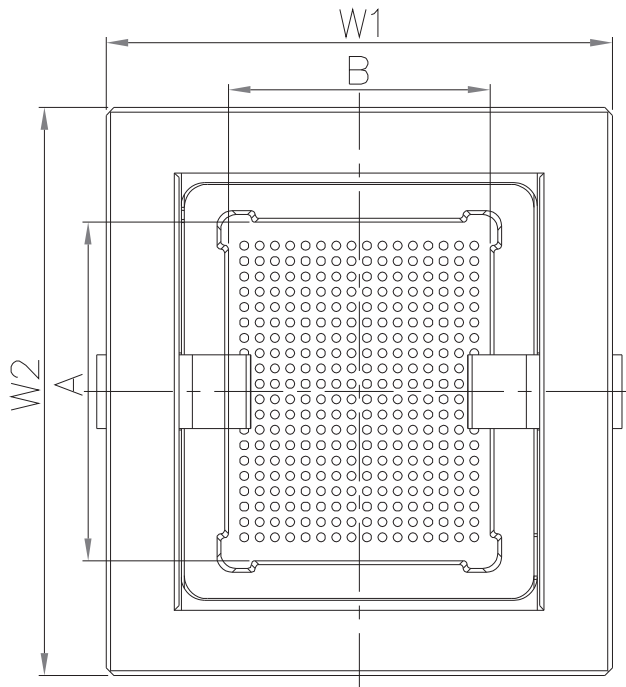
BGA PROBE PIN OPEN TOP SOCKET



Open Top Style for Solderless Compression mount
 Accommodates pitch sizes of 0.4/0.5/0.65/0.8/1.0/1.27mm
 Compact size and low Actuation Force
 4-Point pinch design for enhanced electrical contact
 Unique mechanism to eliminate solder ball sticking
 Field replaceable package location plate



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 50,000 / 8,000 cycles
 (0.5 / 0.8 pitch)
 Contact Normal Force 25 / 28g 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 / 2A (0.5 / 0.8 pitch)
 Insulation resistance at 500V DC 1,000 mΩ

Operating temperature

-40°C to +155°C

How to order

BPT - xxx - xx - xx.x/xx

Nbr of contacts

*depends on
ballcount of chip*

Pitch

04 = 0,40mm **10** = 1,00mm
05 = 0,50mm **12** = 1,27mm
06 = 0,65mm **15** = 1,50mm
07 = 0,75mm *others on
request*
08 = 0,80mm

Package Size

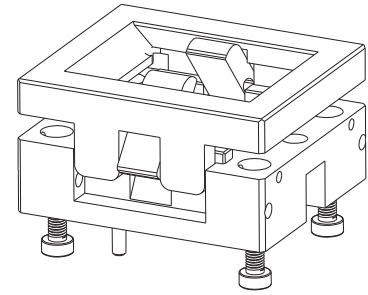
*will be given by the factory after
receipt of the chip datasheet*

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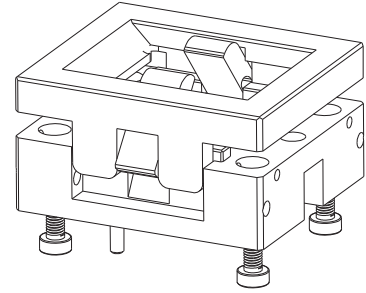
Pitch	No. of Contacts	Package Size(mm)	Part Number
0.4	48	10x12	BPT-048-04-10.0/12
	54	5x5	BPT-054-04-5.0/5
	60	8x10	BPT-060-04-8.0/10
	65	6x8	BPT-065-04-6.0/8
0.5	40	8x9.2	BPT-040-05-8.0/9.2
	48	6x4	BPT-048-05-6.0/4
	56	6x6	BPT-056-05-6.0/6
	64	5x5	BPT-064-05-5.0/5
	105	6x6	BPT-105-05-6.0/6
	141	11.5x13	BPT-141-05-11.5/13
0.65	63	8x10	BPT-063-06-8.0/10
	65	7x11	BPT-065-06-7.0/11
	70	8x8	BPT-070-06-8.0/8
	88	8.1x12	BPT-088-06-8.1/12
0.8	25	5x5	BPT-025-08-5.0/5
	30	5x5	PBT-030-08-5.0/5
	48	9x11	BPT-048-08-9.0/11
	48	9.5x12	BPT-048-08-9.5/12
	54	8x8	BPT-054-08-8.0/8
	56	7x9	BPT-056-08-7.0/9
	56	8x11.6	BPT-056-08-8.0/11.6
	56	8x13	BPT-056-08-8.0/13
	56	8x10	BPT-056-08-8.0/10
	56	8x11.6	BPT-056-08-8.0/11.6
	59	8x11.6	BPT-059-08-8.0/11.6
	60	8x10	BPT-060-08-8.0/10
	60	8x11.6	BPT-060-08-8.0/11.6
	60	11x13	BPT-060-08-11.0/13
	63	7x11	BPT-063-08-7.0/11
	64	7x7	BPT-064-08-7.0/7
64	8x11.6	BPT-064-08-8.0/11.6	
64	8.1x11.1	BPT-064-08-8.1/11.1	

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Pitch	No. of Contacts	Package Size(mm)	Part Number
1.0	64	7.95x8.98	BPT-064-10-7.95/8.98
	64	9x9	BPT-064-10-9.0/9
	64	9x11.5	BPT-064-10-9.0/11.5
	64	10.95x11.95	BPT-064-10-10.95/11.95
	66	7.47x11.02	BPT-066-10-7.47/11.02
	72	10x10	BPT-072-10-10.0/10
	80	7x9	BPT-080-10-7.0/9
	80	8x8	BPT-080-10-8.0/8
	80	8x11.6	BPT-080-10-8.0/11.6
	80	8x10	BPT-080-10-8.0/10
	80	9x11.5	BPT-080-10-9.0/11.5
	81	8x8	BPT-081-10-8.0/8
	81	9x9	BPT-081-10-9.0/9
	1.27	36	6x6
64		9x9	BPT-064-12-9.0/9
74		12x12	BPT-074-12-12.0/12
80		11x11	BPT-080-12-11.0/11
96		15x15	BPT-096-12-15.0/15
100		11x11	BPT-100-12-11.0/11