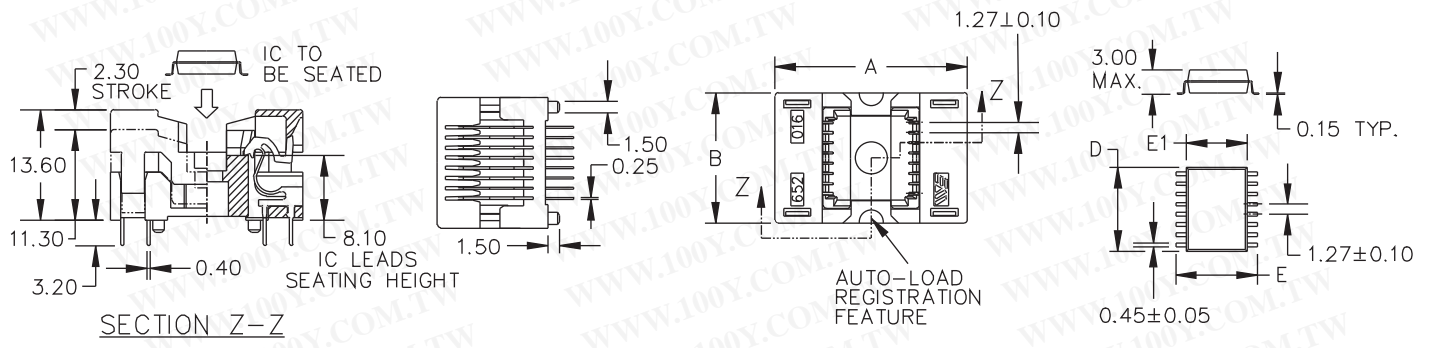




# 652 SERIES SOP ZIF

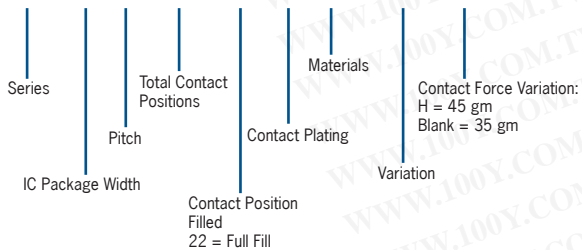
- Open top, zero insertion force design for automatic loading
- Compact size for high board density
- Highly reliable, pre-loaded contacts
- Thru hole design
- High force contact version (H) available for Pb-free devices (single beam type)

勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-34970699  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)



## DESCRIPTION & ORDERING INFORMATION

**652 X X XX XX X X - XXX X**



## MATERIALS & SPECIFICATIONS

- Socket Body: PES, PEI, LCP or Equivalent
- Contact: Beryllium Copper Alloy
- Contact Plating: Gold over Nickel
- Contact Normal Force: 35~45 grams
- Contact Resistance: 50 mΩ
- Dielectric: 600V AC for 1 minute
- Temperature Rating: 150°C
- Insulation Resistance: 5,000 MΩ @ 500V DC
- Durability: 10,000 cycles min.



# 652 SERIES SOP ZIF

Lead Count	Pitch e (mm)	Package Dimensions (mm)			Part Number	Socket Dimensions (mm)	
		Width (E1)	Lead Tip to Tip (E)	Length (D)		Length (A)	Width (B)
8	1.27	4.40	6.40	5.4 max	652B0082211 (H)	20.75	12.37
8	1.27	5.00	6.80	5.4 max	652B0082211-001 (H)	20.75	12.37
8	1.27	3.90	6.00	5.4 max	652B0082211-002 (H)	20.75	12.37
8	1.27	4.40	6.40	5.35 max	652B0082211-003 (H)	20.75	12.37
8	1.27	5.23	8.00	5.23	* 652C0082211W	17.20	12.80
8	1.27	5.30	7.90	5.30	* 652C0082211W003	17.20	12.80
14	1.27	4.40	6.40	10.48 max	652B0142211 (H)	20.75	16.18
14	1.27	5.00	6.80	10.48 max	652B0142211-001 (H)	20.75	16.18
14	1.27	3.90	6.00	10.48 max	652B0142211-002 (H)	20.75	16.18
16	1.27	4.40	6.40	10.48 max	652B0162211 (H)	20.75	17.45
16	1.27	5.00	6.80	10.48 max	652B0162211-001 (H)	20.75	17.45
16	1.27	3.90	6.00	10.48 max	652B0162211-002 (H)	20.75	17.45
16	1.27	3.90	6.00	10.48 max	652B0162211E002 (H)	20.75	17.45
16	1.27	7.60	10.20	10.5 max	652-0162211-001 (H)	24.00	16.32
16	1.27	7.60	10.20	10.5 max	652-0162211E001 (H)	24.00	16.32
16	1.27	7.50	10.40	10.5 max	652D0162211-202 (H)	24.30	16.32
16	1.27	7.50	10.30	10.45 max	652D0162211E202 (H)	24.30	16.32
16	1.27	7.50	10.40	11.02 max	* 652D0162212W501	24.00	16.32
18	1.27	7.55	10.40	12 max	652D0201811-001 (H)	24.30	18.86
18	1.27	8.80	11.83	12.3 max	652E0182211 (H)	25.90	18.05
20	1.27	7.55	10.40	13.11 max	652D0202211 (H)	24.30	18.86
20	1.27	7.55	10.40	13.11 max	652D0202211-001 (H)	24.30	18.86
20	1.27	7.55	10.40	13.11 max	* 652D0202212W001	24.30	18.86
20	1.27	7.50	10.30	12.8 max	652D0202211-002 (H)	24.30	18.86
20	1.27	7.50	10.30	12.8 max	652D0202211-202 (H)	24.30	18.86
24	1.27	7.60	10.20	15.6 max	652-0242211 (H)	24.00	21.40
24	1.27	7.60	10.20	15.6 max	652-0242211E (H)	24.00	21.40
24	1.27	7.60	10.20	15.6 max	652-0242211-001 (H)	24.00	21.40
24	1.27	7.60	10.20	15.6 max	652-0242211E001 (H)	24.00	21.40
24	1.27	7.55	10.47	15.65 max	652D0242211 (H)	24.30	21.40
24	1.27	7.55	10.31	15.65 max	652D0242211-002 (H)	24.30	21.40
28	1.27	7.55	10.47	18.19 max	652D0282211 (H)	24.30	23.94
28	1.27	7.55	10.30	18.20 max	652D0282211-001 (H)	24.30	23.94
28	1.27	7.50	10.30	18.05 max	652D0282211-002 (H)	24.30	23.94
28	1.27	7.50	10.30	18.05 max	652D0282211-202 (H)	24.30	23.94
28	1.27	7.50	10.30	18.05 max	652D0282211E202 (H)	24.30	23.94
28	1.27	8.40	11.83	18.65 max	652E0282211 (H)	25.90	24.40
28	1.27	8.40	11.80	18.75 max	652E0282211-001 (H)	25.90	24.40
28	1.27	8.40	11.83	18.65 max	652E0282211-002 (H)	25.90	24.40
32	1.27	7.55	10.57	20.73 max	652D0322211 (H)	24.30	26.48
32	1.27	7.55	10.57	20.73 max	652D0322211-001 (H)	24.30	26.48
32	1.27	7.51	10.47	20.88 max	* 652D0322211W	18.50	26.30
32	1.27	11.00	14.04	20.85 max	652F0322211 (H)	28.00	26.50
40	1.27	10.70	14.04	26.15 max	652F0402211 (H)	28.00	31.58
40	1.27	10.70	14.04	26.15 max	652F0402211-001 (H)	28.00	31.58
44	1.27	12.60	16.04	28.5 max	652G0442211 (H)	30.00	34.30
44	1.27	12.60	16.04	28.5 max	652G0442211-001 (H)	30.00	34.30
44	1.27	12.60	16.04	28.5 max	652G0442211-002 (H)	30.00	34.30

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\* Dual contact points (Compatible with Pb free packages)  
 (H) = Compatible with Pb free packages