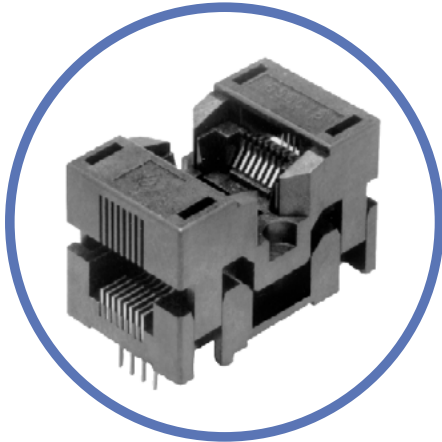




| 656 SERIES

SSOP ZIF



Features

- Open top, zero insertion force design for automatic loading
- Compact size for high board density
- Highly reliable, pre-loaded contacts
- Accommodate pitch sizes 0.50, 0.635, 0.65, and 0.80mm
- Optional thermal pin for package Heat Sink (consult factory)
- Thru hole design
- High force contact version (H) available for Pb free packages (single beam type)



MATERIALS AND 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 minutes
Temperature Rating	150°C
Insulation Resistance	5,000 MWΩ @ 500V DC
Durability	10,000 cycles min.

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	0.65	3.00	4.90	3.00	656-1082211 (H)	18.80	9.00
10	0.50	3.00	4.88	2.97	656-0102211 (H)	24.60	7.75
16	0.65	5.30	7.80	6.20	656C1162211 (H)	22.00	12.90
16	0.65	5.30	7.80	6.20	656C1162211-001 (H)	22.00	12.90
20	0.65	5.30	7.80	7.20	656C1202211 (H)	22.00	14.20
20	0.65	5.30	7.80	7.20	656C1202211-001 (H)	22.00	14.20
20 (depop)	0.635	3.90	6.00	8.65	656-4242011 (H)	20.10	14.55
20 (depop)	0.635	3.90	6.00	8.65	656-4242011-001 (H)	20.10	14.55
24	0.65	5.30	7.80	8.20	656C1242211 (H)	22.00	15.50
24	0.65	5.30	7.80	8.20	656C1242211-001 (H)	22.00	15.50
24	0.65	5.60	7.60	7.80	656C1242211-009 (H)	22.00	15.50
24	0.65	3.90	6.00	8.65	* 656J1242211	15.00	15.70
24	0.64	3.90	6.00	8.65	656-4242211 (H)	20.10	14.55
24	0.64	3.90	6.00	8.65	656-4242211-001 (H)	20.10	14.55
28	0.65	6.10	8.10	9.70	656S1322811 (H)	22.30	18.10
30	0.50	4.40	6.40	7.80	* 656J0302212	14.70	15.20
32	0.65	6.10	8.10	11.00	656S1322211 (H)	22.30	18.10
32	0.80	5.30	7.80	13.60	656C2322211 (H)	22.00	20.35
32 (depop)	0.65	7.50	10.30	11.10 max	* 656L1543212	19.30	25.00
32 (depop)	0.65	7.50	10.30	11.10 max	* 656L1543212T	19.30	25.00
32 (depop)	0.65	7.50	10.30	12.85 max	* 656L1543212-002	19.30	25.00
36 (depop)	0.65	7.55	10.30	12.79 max	* 656L1543612	19.30	25.00
36 (depop)	0.65	7.55	10.30	12.79 max	* 656L1543612T	19.30	25.00
36 (depop)	0.80	7.52	10.31	15.84 max	656D2443611-010 (H)	24.40	24.00
38	0.50	4.40	6.40	9.70	* 656J0382212	14.70	15.20
44	0.80	7.50	10.35	17.90	656D2442211 (H)	24.40	24.00
44	0.80	7.50	10.35	17.90	656D2442211-001 (H)	24.40	24.00
48 (depop)	0.50	6.20	8.10	12.70	* 656K0564811	28.20	20.00
52 (depop)	0.65	7.50	10.30	18.10 max	* 656L1545212	19.30	25.00
52 (depop)	0.65	7.50	10.30	18.10 max	* 656L1545212T	19.30	25.00
54	0.65	7.50	10.30	18.00 max	* 656L1542212	19.30	25.00
54	0.65	7.50	10.30	18.00 max	* 656L1542212T	19.30	25.00
56	0.50	6.20	8.10	14.00	* 656K0562211	28.20	20.00
56	0.80	13.30	16.00	23.85	* 656-2562211	24.10	28.00
60	0.50	7.46	10.50	15.46	* 656M0602212	19.50	22.50

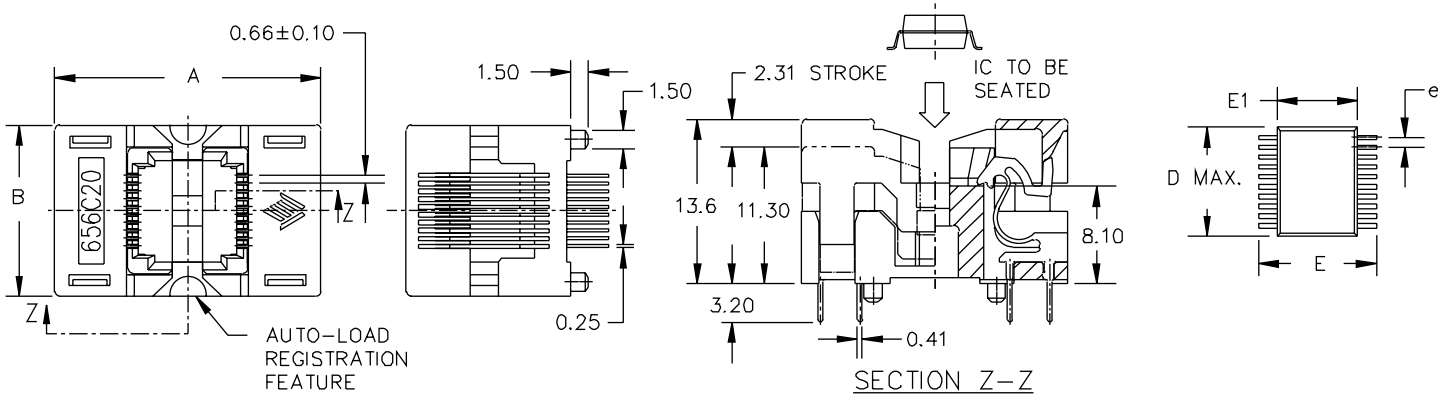
* Dual Contact Points (compatible with Pb free packages)

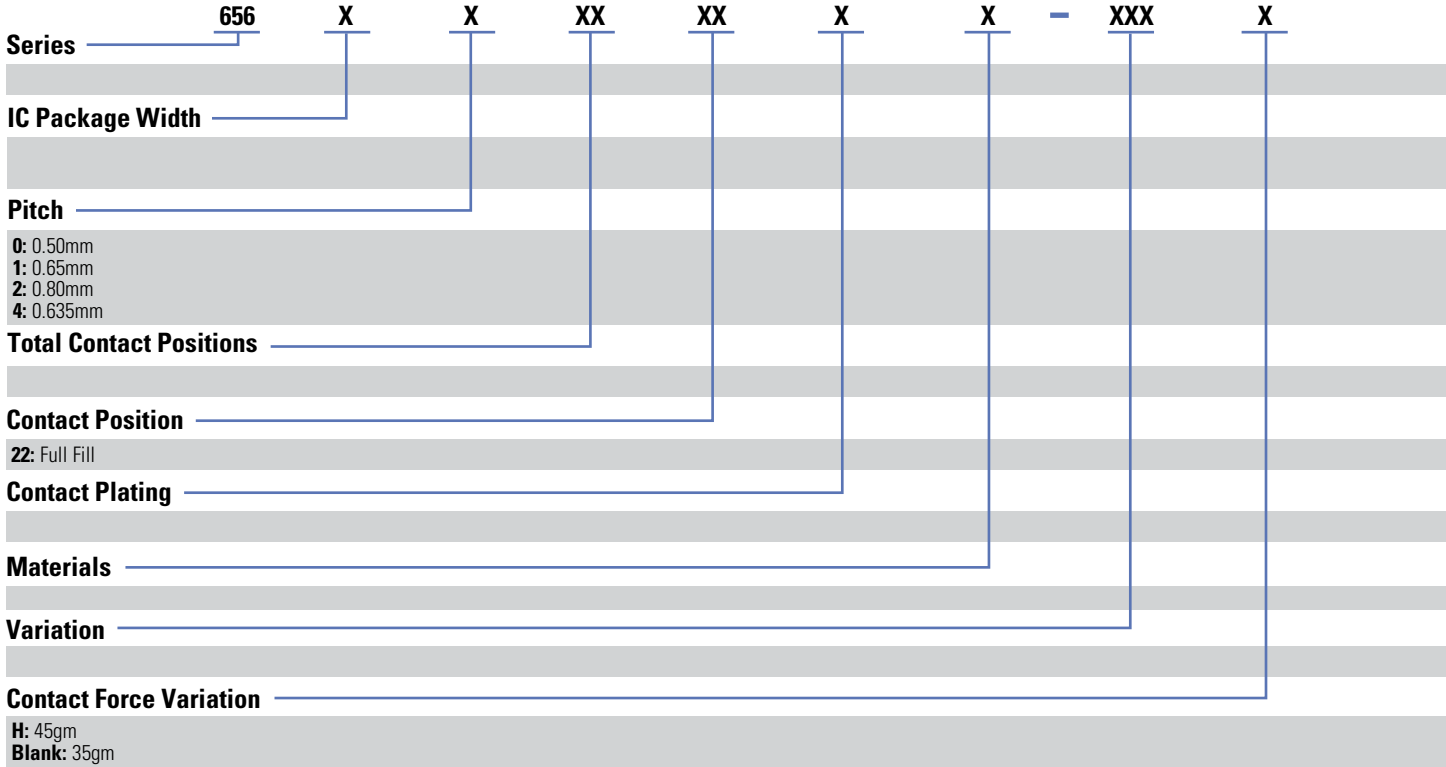
(H) Compatible with Pb free packages



DIMENSIONS AND DIAGRAMS

Dimensions in mm





Revised 02/06/18

Sensata Technologies, Inc. ("Sensata") data sheets are solely intended to assist designers ("Buyers") who are developing systems that incorporate Sensata products (also referred to herein as "components"). Buyer understands and agrees that Buyer remains responsible for using its independent analysis, evaluation and judgment in designing Buyer's systems and products.

Buyers are authorized to use Sensata data sheets with the Sensata component(s) identified in each particular data sheet. HOWEVER, NO OTHER LICENSE, EXPRESS OR IMPLIED, BY ESTOPPEL OR OTHERWISE TO ANY OTHER SENSATA INTELLECTUAL PROPERTY RIGHT, AND NO LICENSE TO ANY THIRD PARTY TECHNOLOGY OR INTELLECTUAL PROPERTY RIGHT, IS GRANTED HEREIN.

All products are sold subject to Sensata's terms and conditions of sale supplied at www.sensata.com SENSATA ASSUMES NO LIABILITY FOR APPLICATIONS ASSISTANCE OR THE DESIGN OF BUYERS' PRODUCTS. BUYER ACKNOWLEDGES AND AGREES THAT IT IS SOLELY RESPONSIBLE FOR COMPLIANCE WITH ALL LEGAL, REGULATORY AND SAFETY-RELATED REQUIREMENTS CONCERNING ITS PRODUCTS.

Mailing Address: Sensata Technologies, Inc., 529 Pleasant Street, Attleboro, MA 02703, USA.

CONTACT US

Americas
480.682.6148 or 480.681.6116