

717 SERIES

SOCKET FOR QFN/LGA PACKAGES



Features

- Clamshell design, compression surface mount
- Spring and probe contact
- Pointed probe maintains continuous contact to PCB
- Spring loaded pressure pad and locator plate
- Pointed top interface to DUT pad
- Multi-site options are available
- Any pitch or pitch combination .4mm and greater
- Threaded inserts available
- Available with high performance pin



SPECIFICATIONS

Materials and Specifications

Body Materials	PEI, PES, or Equivalent
Contact Material	Beryllium Copper Alloy
Contact Plating	Gold over Nickel
Contact Force	12-15 grams average
Contact Resistance	350 mΩ typical
Temperature Rating	Burn-in 125°C Higher Temperatures, consult factory
Durability	10,000 cycles min.

Pitch e (mm)	Maximum Lead Count	Minimum Body Size	Maximum Body Size	Maximum Matrix
0.50	484	1 X 1 *	16 x 14	22 x 22
0.65	441	1 X 1 *	16 x 14	21 x 21
1.00	121	1 X 1 *	16 x 14	11 x 11

* For package size less than 1 X 1, consult factory
For all other pitches, see next page

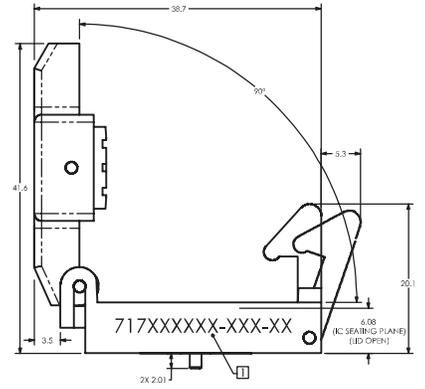
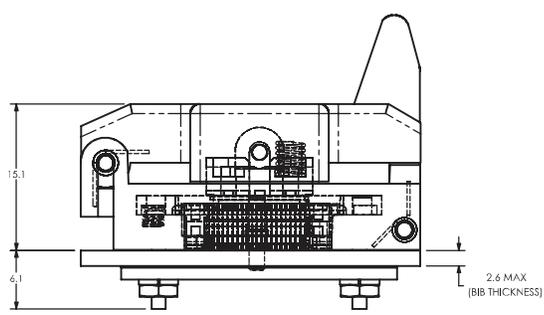
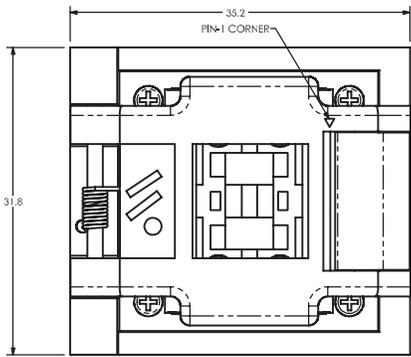
Pitch e (mm)	Package Size (mm)	Matrix	Part Number
0.50	1.45X1	3X2	717-00601A500-XX
	1.6X1.6	3X2	717-00601CS00-XX
	2.23X1.5	4X2	717-00802P500-XX
	2.26X2.08	4X2	717-00802N500-XX
	2.50X 2.50	4X4	717-015402A-5XX-XX
	3.0X3.0	5X5	717-02403-500-XX
	3.5X3.5	CUSTOM	717-02003C500-XX-01
	4X4	7X7	717-04104-500-XX-01
	4X4	7X7	717-04804-5XX-XX
	4X4	7X7	717-04804-500-XX
	4.8X3.45	8X5	717-04004E500-XX-01
	5.0X5.0	CUSTOM	717-03205-500-XX-01
	5X4	9X9	717-05605-500-XX
	5X4	9X9	717-08005-500-XX
	5X4	9X9	717-08105-5XX--XX
	5x5	7x7	717-04805-500-XX
	5X5	9X9	717-06405-500-XX
	6.22X6.22	10X10	717-08306-5XX--XX
	6X4	11X6	717-04806A500-XX
	6X4	11X6	717-04806A5XX-XX
	6.5X6.5	10X10	717-08406E500-XX
	6X6	11X11	717-09606-XXX-XX
	6X6	11X11	717-12006-5XX--XX
	7X7	11X11	717-07207-500-XX
	7X7	12X12	717-10407-500-XX
	7X7	13X13	717-12007-5XX--XX
	7X7	12X12	717-14307-5XX--XX
	7X7	13X13	717-16807-5XX--XX
	8X8	14X14	717-02203A600-XX
	8X8	15X15	717-14408-500-XX
	9X9	16X16	717-11209-5XX-XX
	9X9	16X16	717-14809-5XX--XX
	9X9	16X16	717-17609-5XX--XX
9X9	17X17	717-18809-5XX-XX	
10X10	19X19	717-24010-500-XX	
11X11	20X20	717-30411-500-XX	
0.60	3.5X6.5	5X8	717-03606J500-XX-01

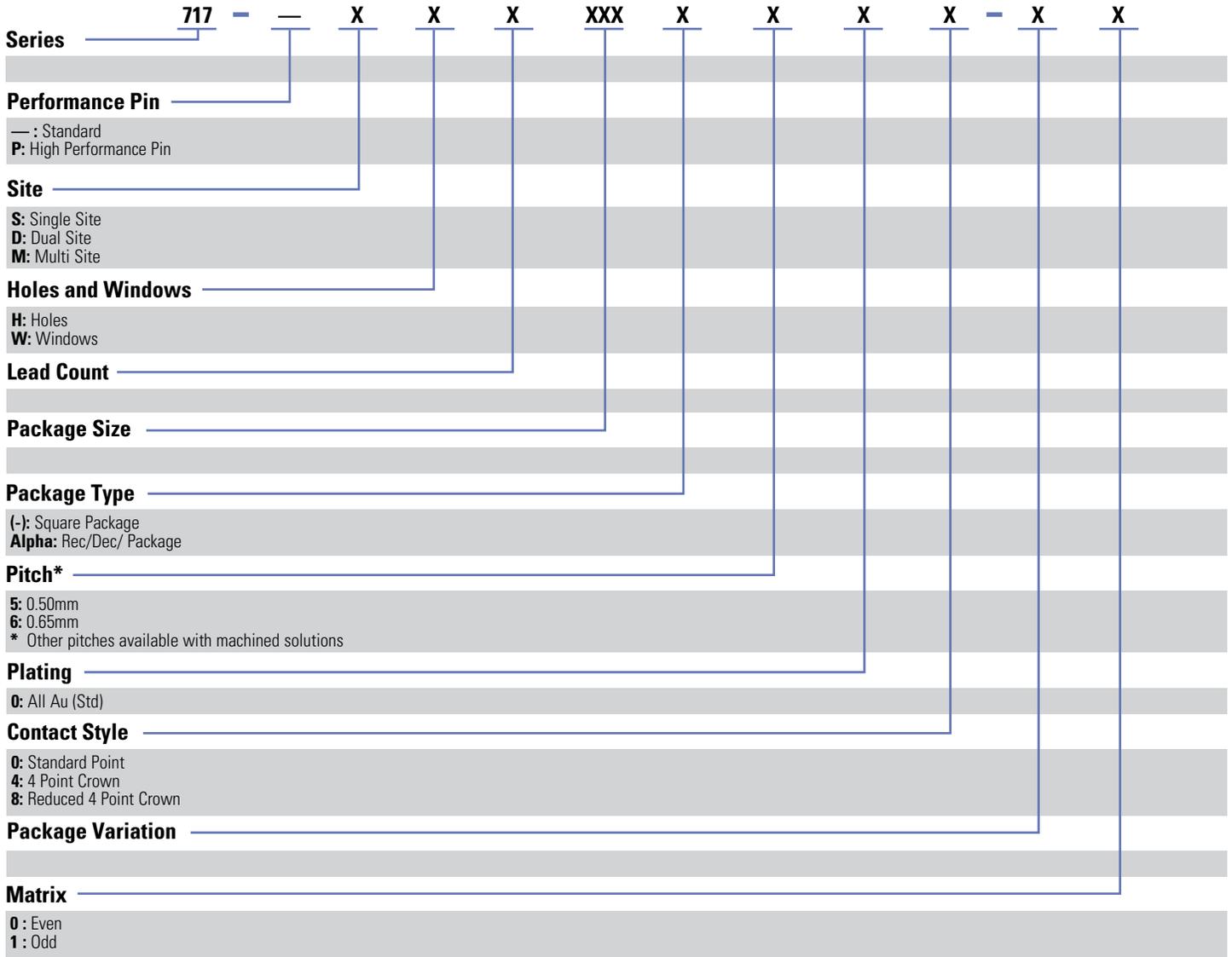
Pitch e (mm)	Package Size (mm)	Matrix	Part Number
0.65	10X4.5	14X6	717-08310A-600-XX
	15X15	21X21	717-32115-6XX--XX
	3.0X3.0	CUSTOM	717-00803-600-XX-01
0.68	5.41X3.83	7X5	717-03205B600-XX
1.00	7.5X4.4	6X2	717-01607F500-XX
1.27	5.0X6.0	4X2	717-00806G001-XX-01
	10X10	CUSTOM	717-02810-000-XX-01
	15.5X10.5	11X8	717-08715AXXX-XX



DIMENSIONS AND DIAGRAMS

Dimensions in mm (inches)





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. Sensata data sheets have been created using standard laboratory conditions and engineering practices. Sensata has not conducted any testing other than that specifically described in the published documentation for a particular data sheet. Sensata may make corrections, enhancements, improvements and other changes to its data sheets or components without notice.

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. SENSATA DATA SHEETS ARE PROVIDED "AS IS". SENSATA MAKES NO WARRANTIES OR REPRESENTATIONS WITH REGARD TO THE DATA SHEETS OR USE OF THE DATA SHEETS, EXPRESS, IMPLIED OR STATUTORY, INCLUDING ACCURACY OR COMPLETENESS. SENSATA DISCLAIMS ANY WARRANTY OF TITLE AND ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, QUIET ENJOYMENT, QUIET POSSESSION, AND NON-INFRINGEMENT OF ANY THIRD PARTY INTELLECTUAL PROPERTY RIGHTS WITH REGARD TO SENSATA DATA SHEETS OR USE THEREOF.

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, AND ANY USE OF SENSATA COMPONENTS IN ITS APPLICATIONS, NOTWITHSTANDING ANY APPLICATIONS-RELATED INFORMATION OR SUPPORT THAT MAY BE PROVIDED BY SENSATA.

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

CONTACT US

Americas
480.682.6148 or 480.681.6116