



716 SERIES

SOCKETS FOR QFN/LGA PACKAGES



Features

- Open Top
- Compression Surface Mount
- Spring and probe contact
- Pointed probe contacts DUT pad
- Pointed probe maintains continuous contact to PCB
- Spring loaded floating locater plate
- 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	200	2.5 x 2.5	12 x 14	22 x 22
0.65	200	2.5 x 2.5	12 x 14	21 x 21
1.00	121	2.5 x 2.5	12 x 14	11 x 11

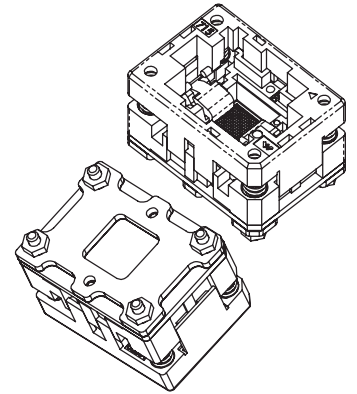
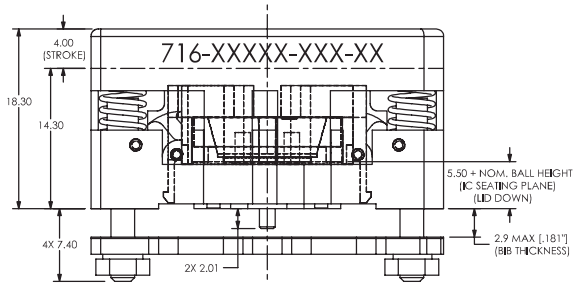
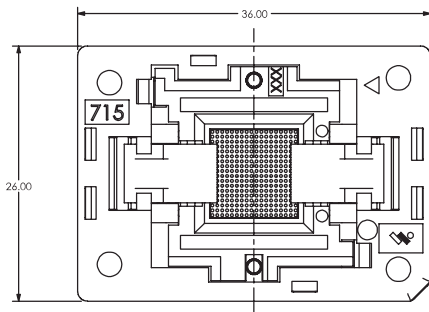
For all other pitches, see next page

Pitch e (mm)	Package Size (mm)	Matrix	Part Number
0.50	5x5	9x9	716-06505-500-XX
	6X6	10X10	716-05606B5XX-XX
	7.7X9	10X4	716-04009A500-XX
	8X8	14X14	716-10808-500-XX
	8X8	14X14	716-12008-500-XX
	8X8	14X14	716-12408-500-XX
	8X8	13X13	716-12808-500-XX
	8X8	14X14	716-13208-500-XX
	8X8	13X13	716-14408-500-XX
	8X8	15X15	716-14408-500-XX
	9X7.7	4X10	716-04009A500-XX
	9X9	16X16	716-12809-5XX-XX
	9X9	16X16	716-14809-5)0(-XX
	0.65	9X6	12X8
0.80	10X14	8X12	716-07214A800-XX
	6.4X10.9	5X11	716-04510A80X-XX
	8X14	8X12	716-07214B800-XX
0.90	12X12	6X2	716-03612-W00-XX-01



DIMENSIONS AND DIAGRAMS

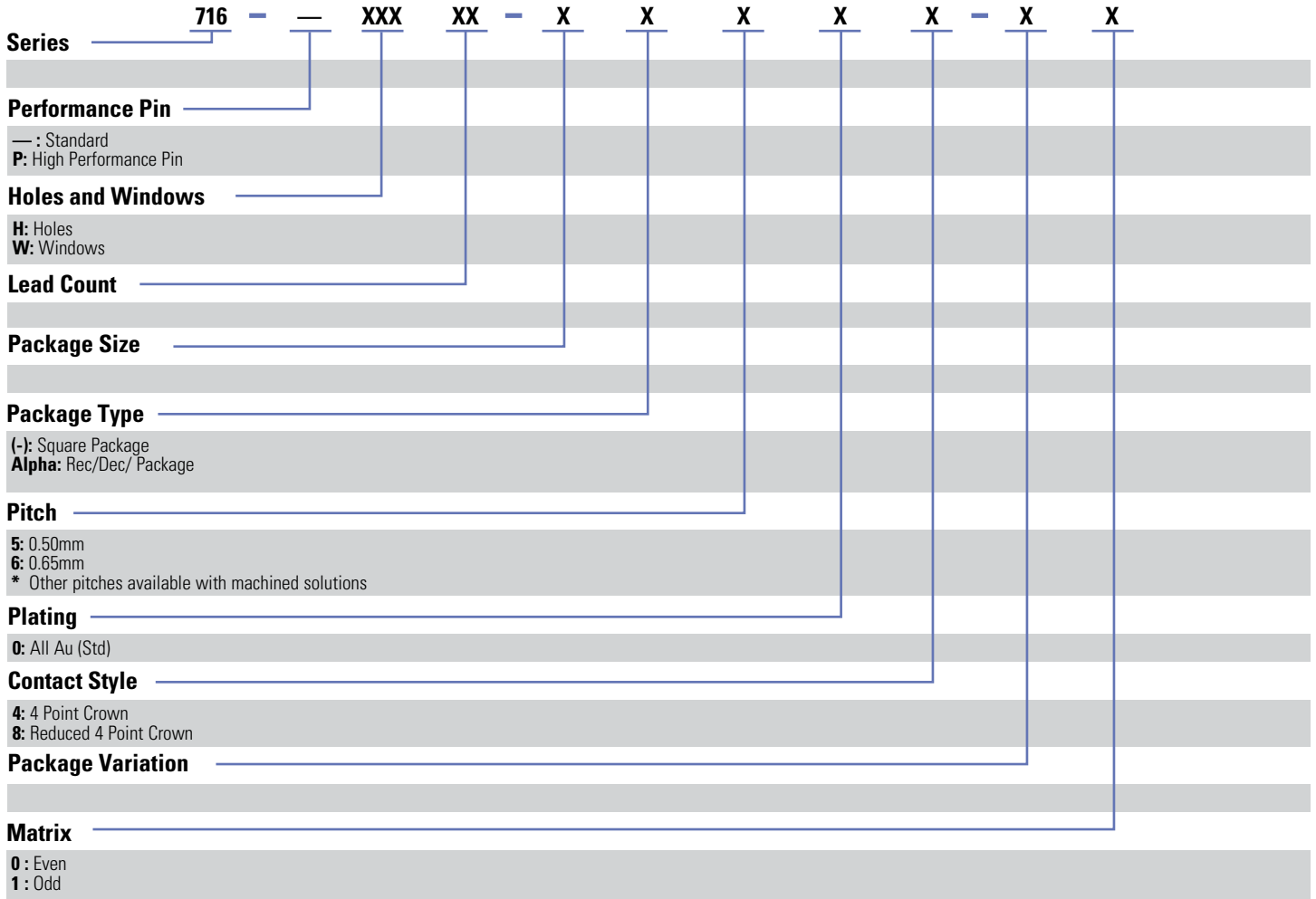
Dimensions in mm (inches)





DESCRIPTION & ORDERING INFO

Example : 716 - - X XXX XX X X X X - X X



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