



3M™ Textool™ BGA/LGA STANDARD LIDDED SOCKETS, 1.27mm TYPE II

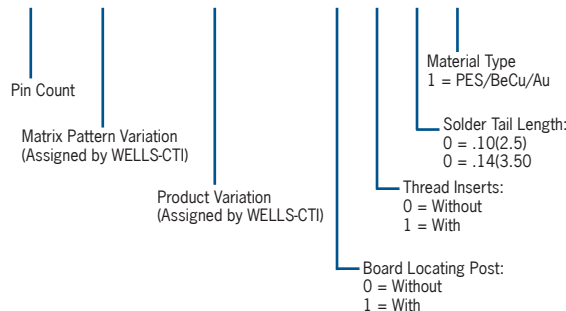
- Modular construction allows for cost effective socket proliferation for standard and custom packages
- Coarse alignment on device body followed by a secondary fine alignment to the solder balls (BGA only)
- Flat contact head that provides for minimum solder ball deformation
- Can be adapted to either BGA or LGA formats
- Available with inserts for mounting screws (screws not included with socket)
- Thru hole design

Solution provided by: **3M**



DESCRIPTION & ORDERING INFORMATION

A XXX - X - 1381 - XX - X X 0 1



Type	Pitch	Matrix	Maximum Lead Count	Maximum Pin Size	Maximum Package Thickness	Status
II	1.27mm	27 X 27	729	38 X 38 mm	5.00 mm	Standard
	1.27mm	27 X 27	729	38 X 38 mm	3.50 mm	Low Force & Low Profile
III	1.27mm	39 X 39	1521	50 X 50 mm	8.00 mm	Low Force
	1.27mm	39 X 39	700	50 X 50 mm	4.00 mm	Low Force & Low Profile



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Device Pitch (mm)	Device Length (mm)	Device Width (mm)	Device Matrix	Alignment Method	Type Accepted
1.27	19.00	19.00	12 X 12	BALL	BALL
	20.95	24.07	14 X 17	BALL	BALL
	20.95	24.07	16 X 19	BODY	BALL or PAD (LGA)
	21.00	21.00	16 X 16	BALL	BALL
	23.00	23.00	15 X 15	BODY	BALL or PAD (LGA)
	23.00	23.00	17 X 17	BALL	BALL
	23.00	23.00	18 X 18	BALL	BALL
	24.70	24.70	19 X 19	BALL	BALL
	25.00	25.00	19 X 19	BALL	BALL
	27.00	27.00	19 X 19	BODY	BALL or PAD (LGA)
	27.00	27.00	20 X 20	BALL	BALL
	27.00	27.00	21 X 21	BALL	BALL
	29.00	29.00	21 X 21	BALL	BALL
	29.00	29.00	22 X 22	BALL	BALL
	30.00	30.00	23 X 23	BALL	BALL
	31.00	31.00	22 X 22	BALL	BALL
	31.00	31.00	23 X 23	BALL	BALL
	31.00	31.00	24 X 24	BALL	BALL
	32.00	32.00	24 X 24	BODY	BALL or PAD (LGA)
	32.33	32.33	25 X 25	BALL	BALL
	32.33	32.33	25 X 25	BODY	BALL or PAD (LGA)
	33.00	33.00	25 X 25	BALL	BALL
	33.00	33.00	26 X 26	BALL	BALL
	33.71	33.71	24 X 24	BALL	BALL
	35.00	35.00	24 X 24	BODY	BALL
	35.00	35.00	25 X 25	BALL	BALL
35.00	35.00	26 X 26	BALL	BALL	
35.00	35.00	27 X 27	BALL	BALL	