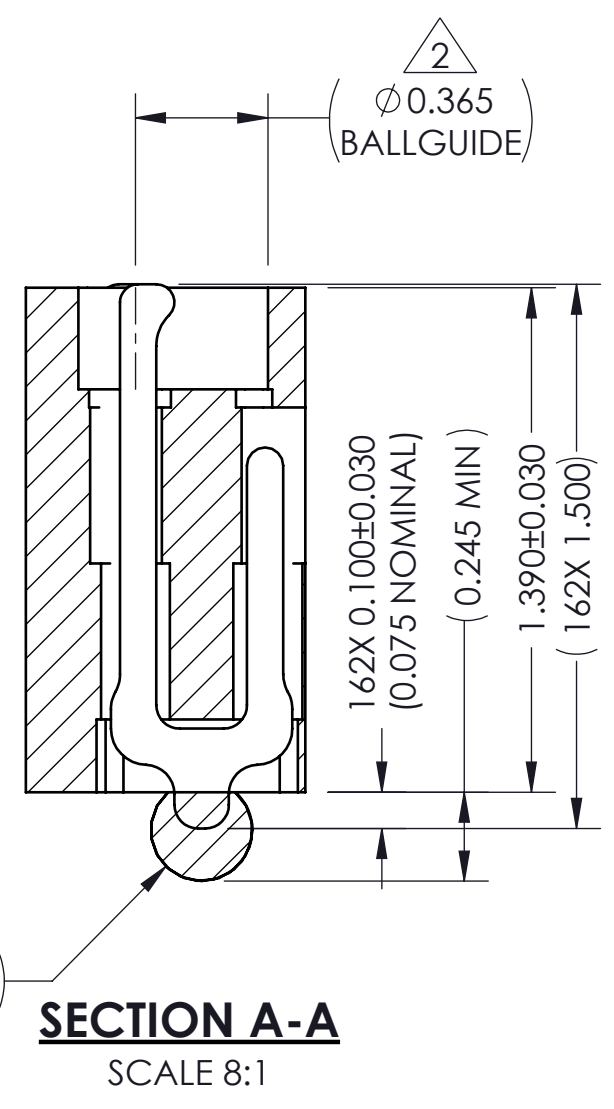


0.08
(TO BOTTOM OF CONTACT ON SOCKETS WITHOUT SOLDER BALLS)



Notes:

- 1 Unless otherwise noted, all features located $\oplus 0.10$ A B C
- 2 Datum's - B - and - C - are determined by $\phi 0.365$ features on corner slots.
- 3 Center of contact pattern.
- 5 Reference HSIO Technologies specification 700001-0001 for solder attachment.
- 6 Reference HSIO Technologies specification 700001-0002 for application notes.
- 7 All contacts/solder balls are not shown to minimize file size.
- 8 Dimension locates center of contact/slot.
- 9 Tooling marks permitted. Maximum 0.100 protrusion shown.

PART NUMBER	DESCRIPTION
109023-0001	SCKT, 162G40 11.5X13.0-0.50 (EUTECTIC SOLDER BALL)
109023-0002	SCKT, 162G40 11.5X13.0-0.50 (SAC305 SOLDER BALL)
109023-0003	SCKT, 162G40 11.5X13.0-0.50 (WITHOUT SOLDER BALL)
103864-0128	PRESS DEVICE INSERT, 11.5X13.0 (SOLD SEPARATELY)
104553-0206	STENCIL, FLEX, 162G40 11.5X13.0-0.50 (SOLD SEPARATELY)
105900-0004	EXTRACTION TOOL, 4 X 53 (SOLD SEPARATELY)

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UNLESS OTHERWISE SPECIFIED:		NAME	DATE	HSIO TECHNOLOGIES, LLC. 13300 67th AVENUE NORTH MAPLE GROVE, MINNESOTA 55311 763-447-6260
DIMENSIONS ARE IN MILLIMETERS		DRAWN	RS	
TOLERANCES:		CHECKED	NSJ	08/12/15
ANGULAR: $\pm 1^\circ$		LEGEND:		TITLE:
X.X ± 0.25		△ NOTE CALLOUT		SCKT, 162G40 11.5X13.0-0.50
X.XX ± 0.10		□ REVISION CHANGE		DWG. NO.
X.XXX ± 0.050		○ ITEM NUMBER		109023-XXXX
INTERPRET GEOMETRIC TOLERANCING PER:				REV
MATERIAL				A
SEE BOM				SCALE: 5:1
FINISH				SIZE: C
DO NOT SCALE DRAWING				SHEET 1 OF 2

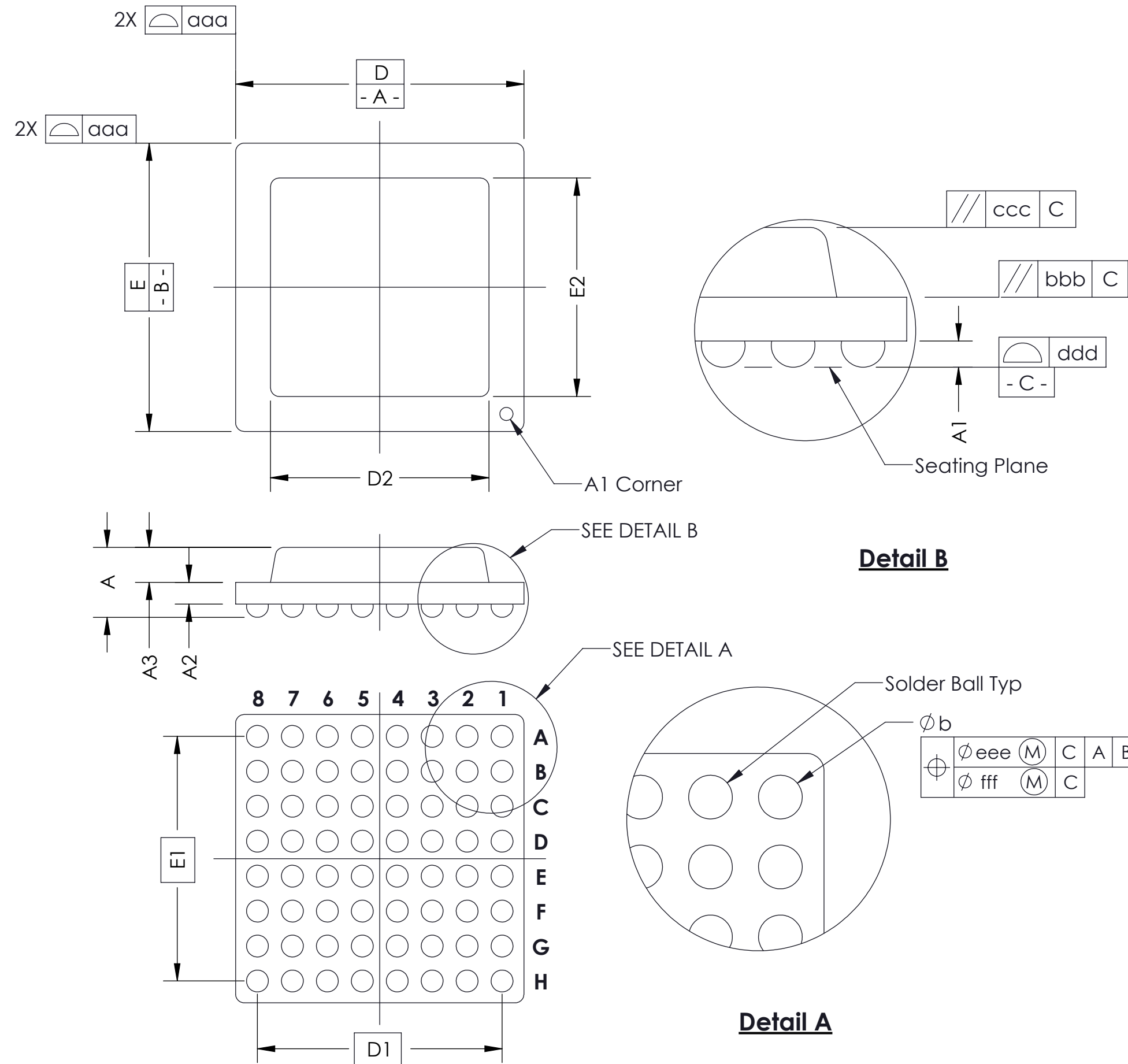
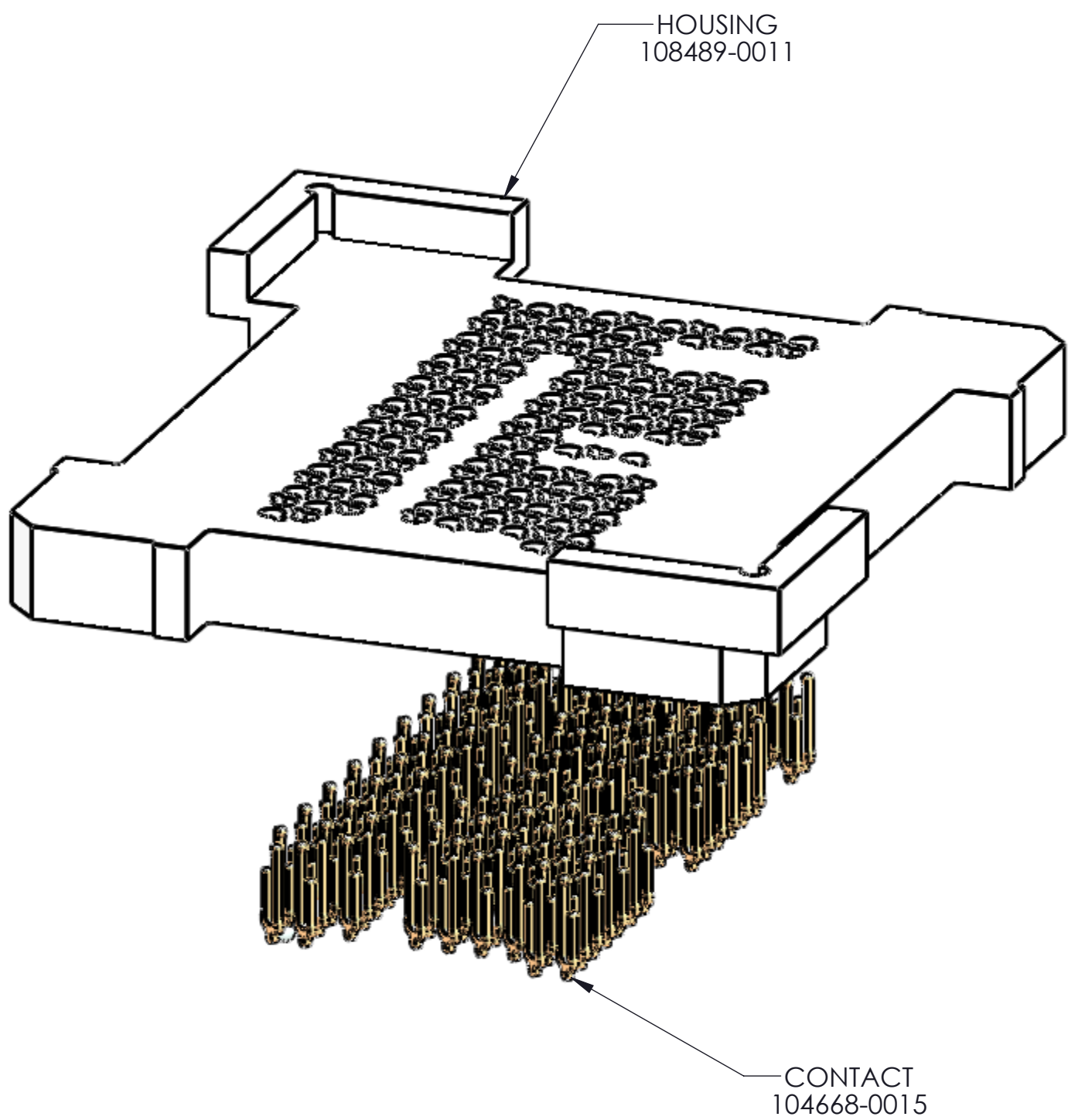
SOCKET FOR DEVICES THAT ARE WITHIN THESE SPECIFICATIONS

Lead Count	N	162	Package Size	D	11.50
Columns	ND	10		E	13.00
Rows	NE	20	Ball Spacing	D1	4.500
Pitch	e	0.500		E1	9.500
Ball Size	b	0.30±0.05	Encapsulant/ Top Size	D2	N/A
Total Thickness	A	N/A		E2	N/A
Ball Height	A1	0.200 MIN	Pattern Style	IRREGULAR	
Substrate Thickness	A2	N/A	Perimeter Rows	N/A	
Top Thickness	A3		Center Array	N/A	


Form Tolerances

Edge	aaa	0.20	Bottom	ddd	0.15
Substrate	bbb	0.20	Position	eee	0.20
Top	ccc	0.20	Position	fff	0.10

* All dimensions are in millimeters.



Generic Representation with Full Grid Array

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	INTERPRET GEOMETRIC TOLERANCING PER:	CHECKED NSJ 08/12/15	LEGEND: △ NOTE CALLOUT ◻ REVISION CHANGE ○ ITEM NUMBER	REV A	
	MATERIAL SEE BOM				
	FINISH DO NOT SCALE DRAWING				