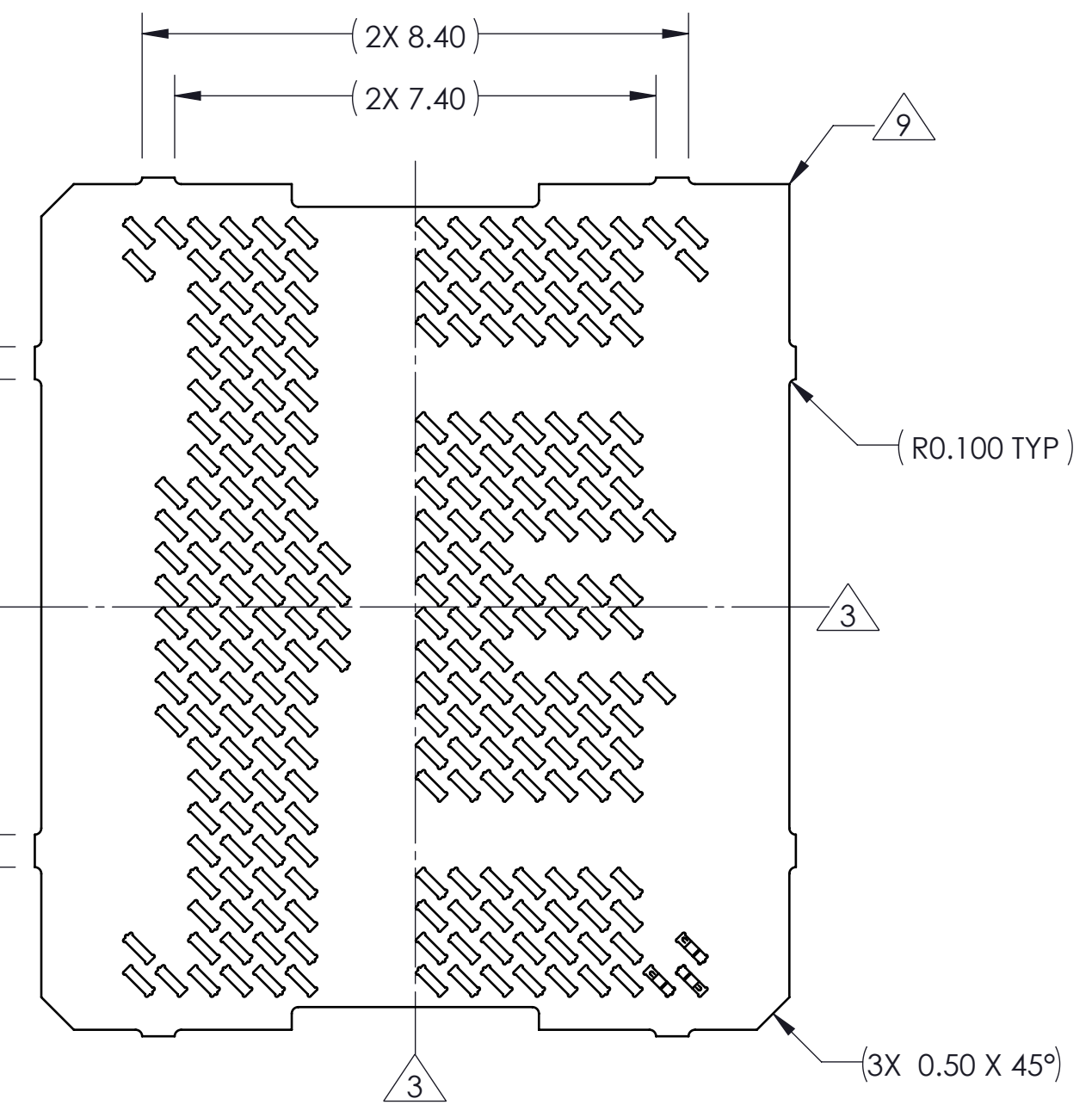
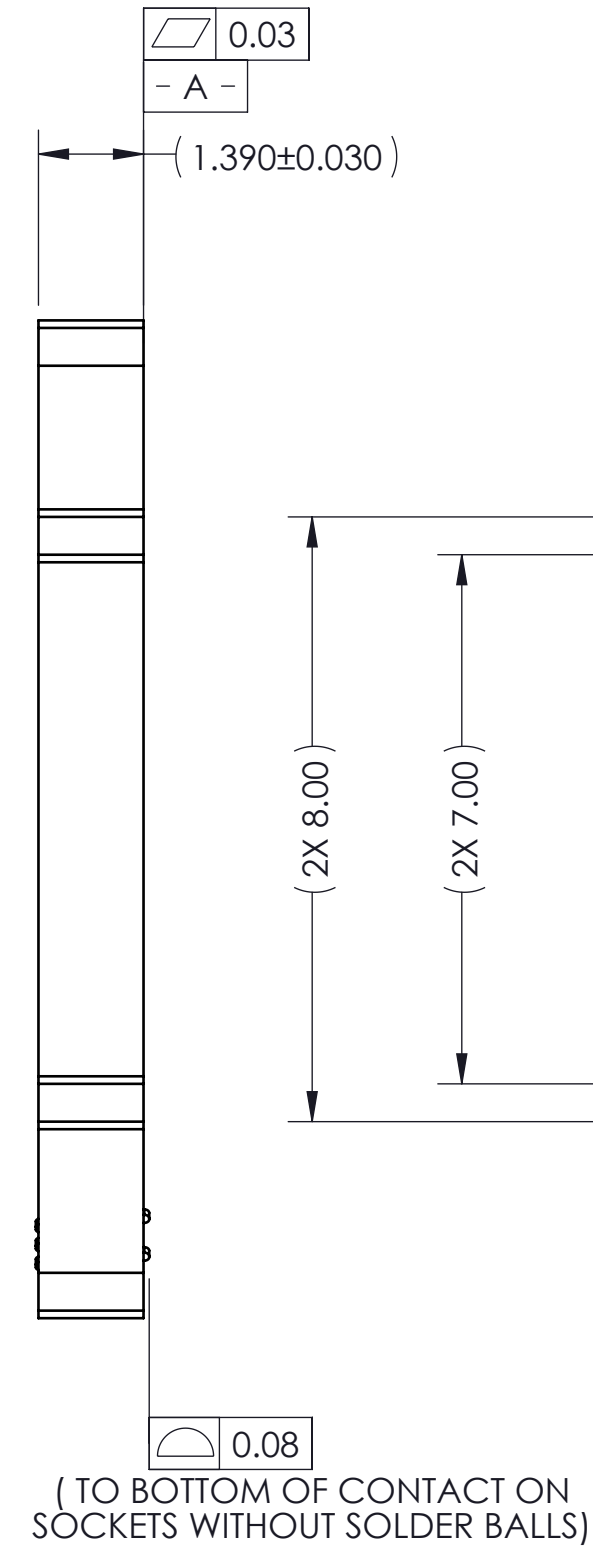
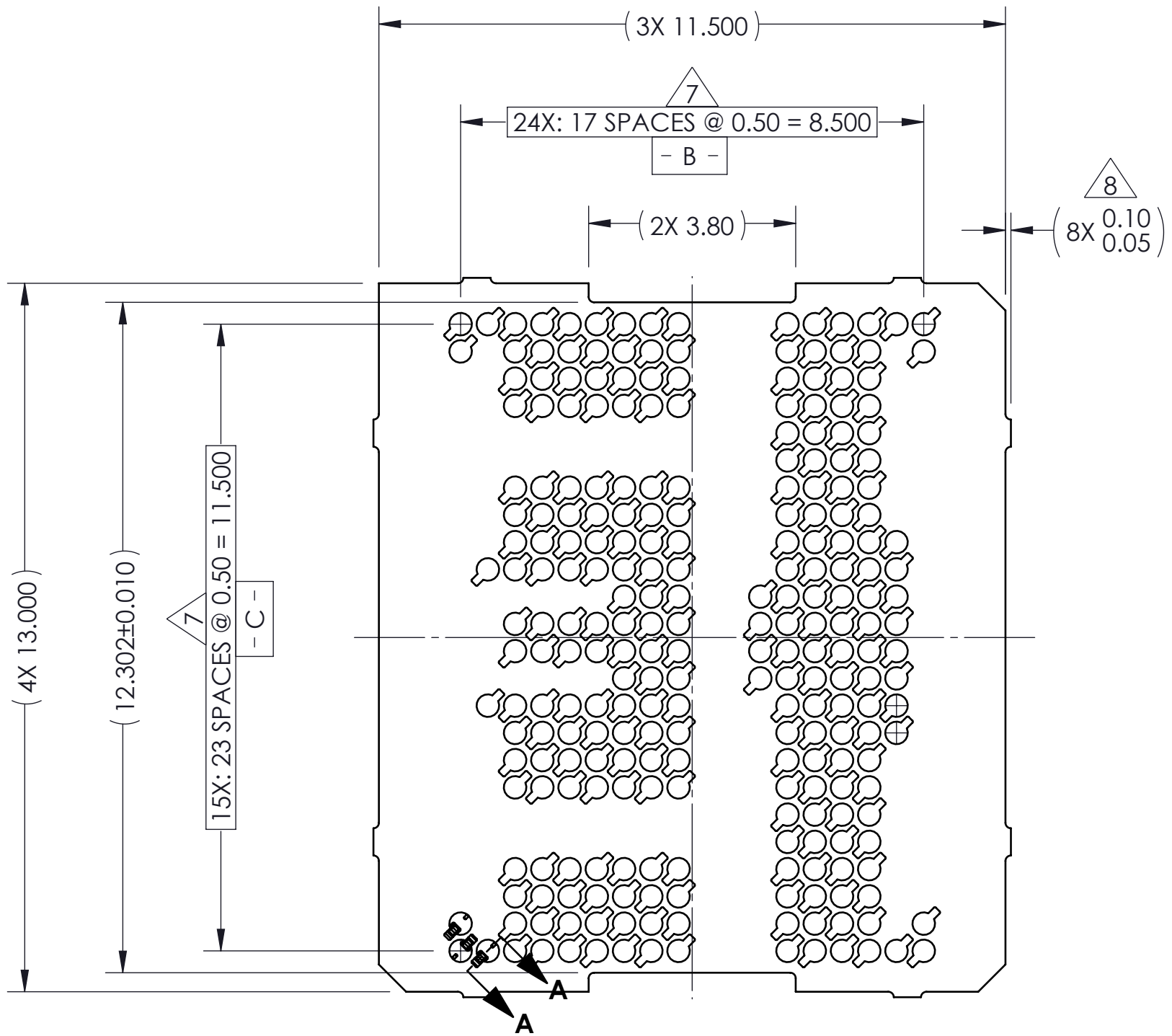
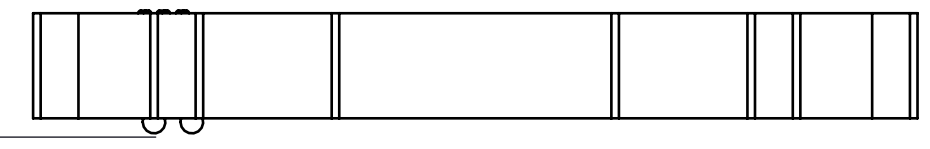


REV	ECO	BY	DESCRIPTION	APV	DATE
A	31750	PAR	INITIAL DESIGN	NSJ	03/17/16
B	31915	RS	ADDED 108639-0003 TO TABLE ON PAGE 1.	NSJ	10/27/17
C	FT	DJP	UPDATED BOTTOM SB FROM 0.35 TO 0.30	RS	5/27/21



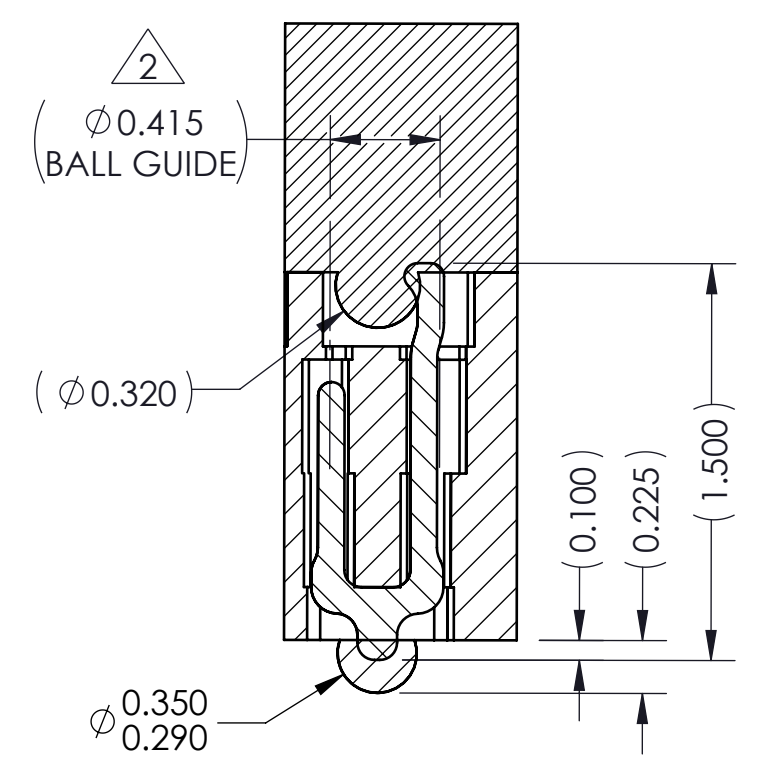
0.13
(TO BOTTOM ON SOCKETS WITH SOLDER BALLS)



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

Notes:

- Unless otherwise noted, all features located $\oplus 0.10$ A S C
- Datum's - B - and - C - are determined by $\phi 0.315$ features on corner slots.
- Center of contact pattern.
- Reference HSI0 Technologies specification 700001-0001 for solder attachment.
- Reference HSI0 Technologies specification 700001-0002 for application notes.
- Dimension locates center of contact/slot.
- Tooling marks permitted. Maximum 0.10 protrusion shown.
- Pin "A1" indicator.



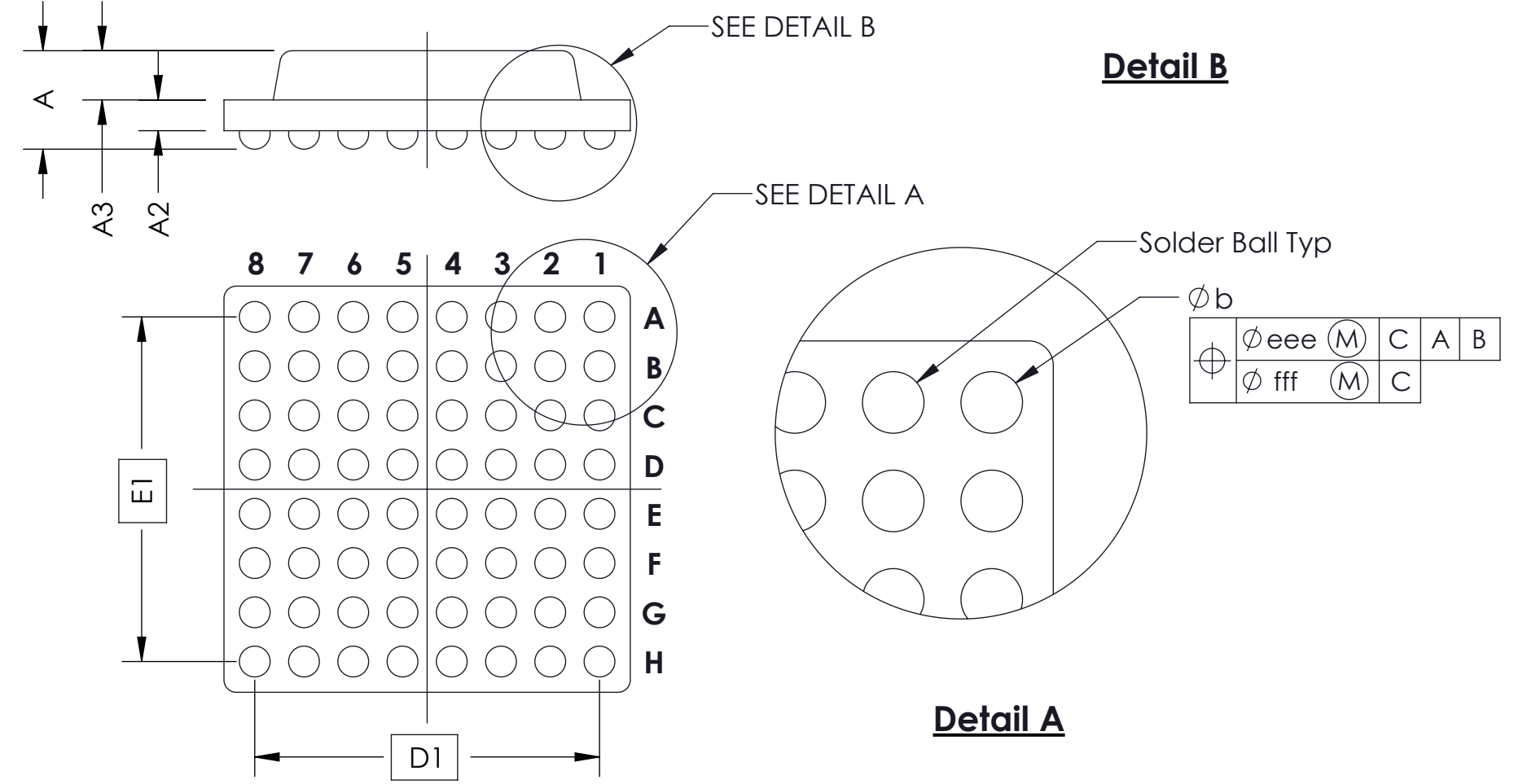
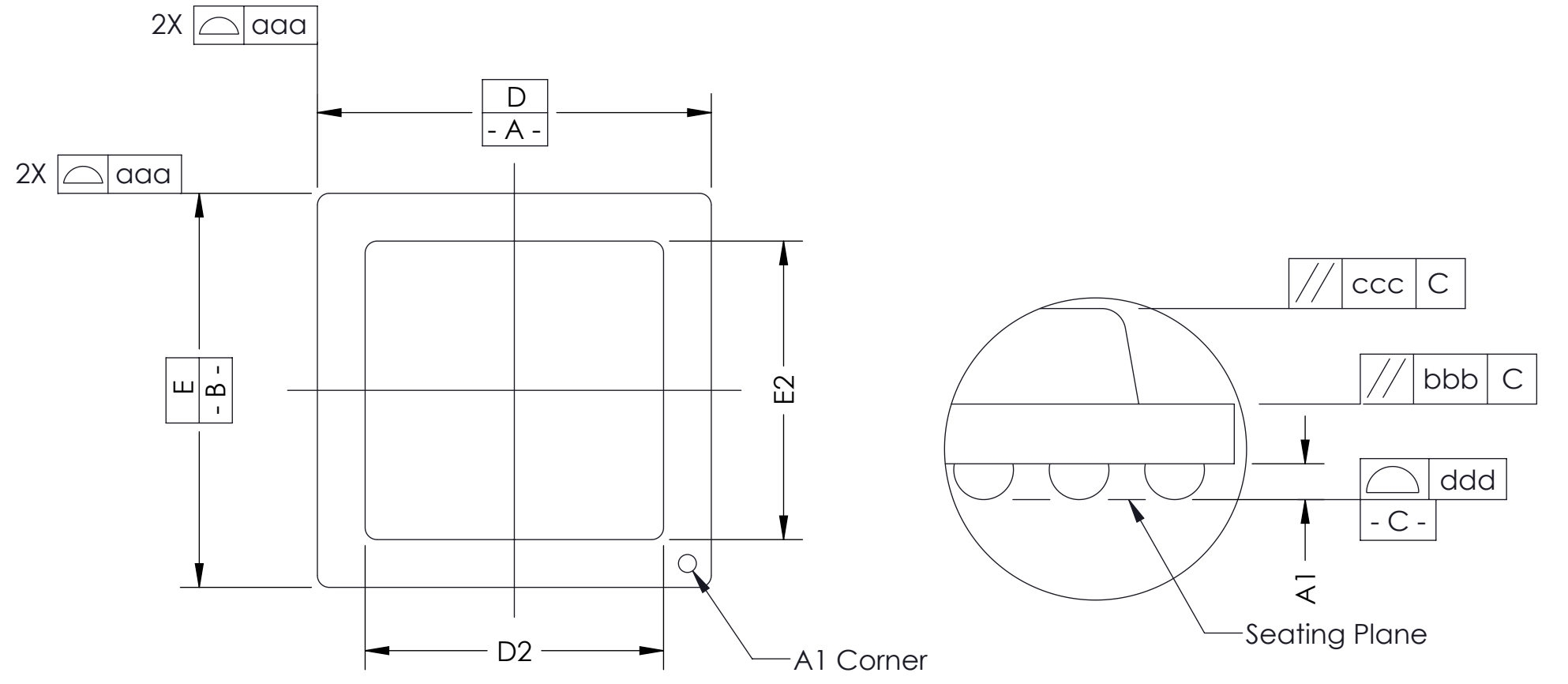
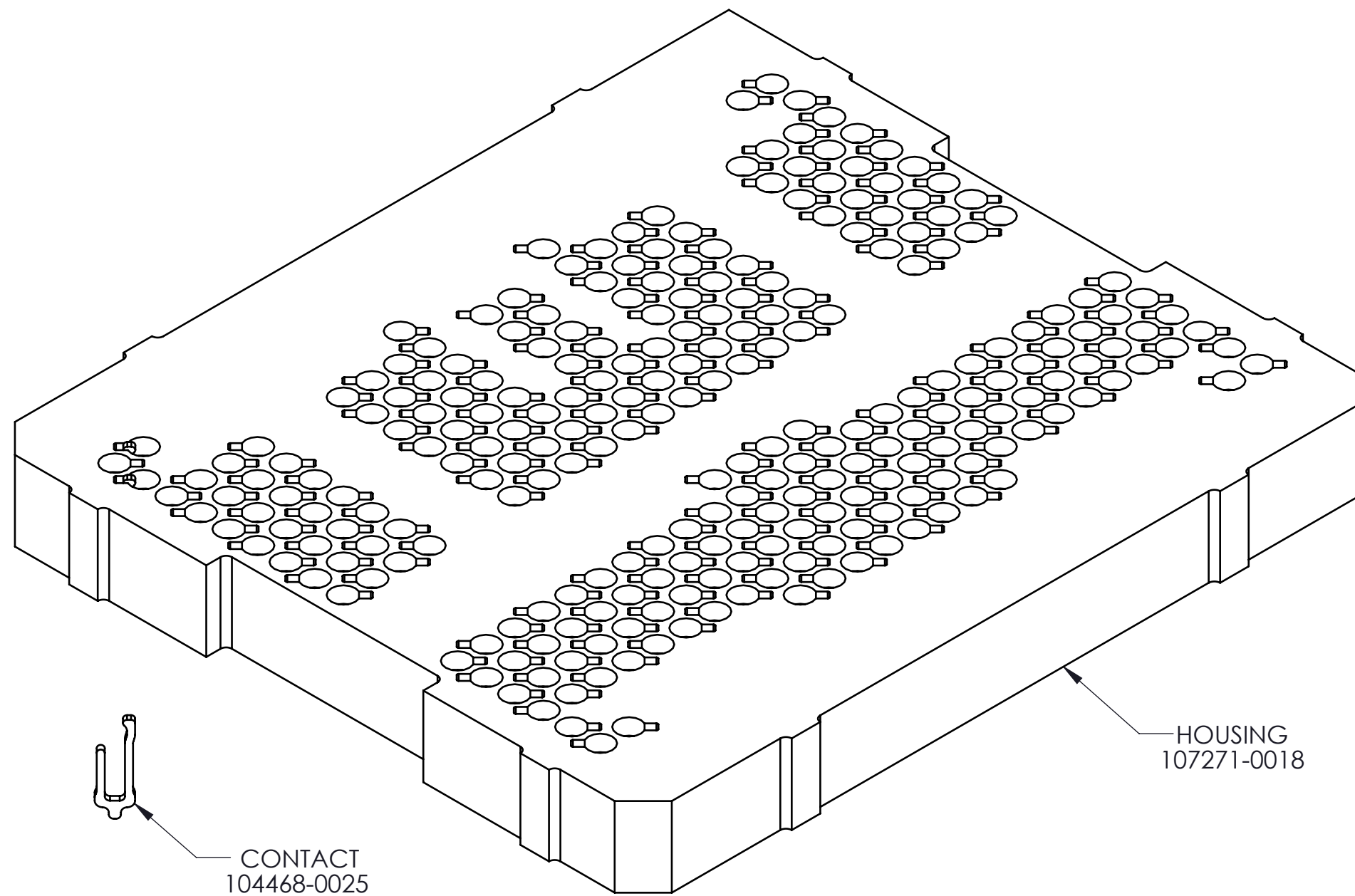
SECTION A-A
SCALE: 35:1

PART NUMBER	DESCRIPTION
109064-0001	SCKT, 254G40 11.5 X 13.0-0.50 (EUTECTIC SOLDER BALL)
109064-0002	SCKT, 254G40 11.5 X 13.0-0.50 (SAC305 SOLDER BALL)
109064-0003	SCKT, 254G40 11.5 X 13.0-0.50 (WITHOUT SOLDER BALL)
103864-0128	PRESS DEVICE INSERT, 11.5 X 13.0 (SOLD SEPARATELY)
104553-0424	STENCIL, FLEX, 254G40 11.5 X 13.0-0.50 (SOLD SEPARATELY)
105900-0004	EXTRACTION TOOL, 4 X 53 (SOLD SEPARATELY)
108639-0003	ALIGNMENT FRAME, GRY 11.5 X 13.0 (SOLD SEPARATELY)

<p>PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF IRONWOOD ELECTRONICS, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF IRONWOOD ELECTRONICS, INC IS PROHIBITED.</p>	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: ANGULAR: ± 1° X.X ±0.25 X.XX ±0.10 X.XXX ±0.050	NAME: PAR DATE: 03/17/16	IRONWOOD ELECTRONICS, INC. 1335 EAGANDALE COURT EAGAN, MINNESOTA 55121 952-229-8200
	CHECKED: NSJ DATE: 03/17/16	TITLE: SCKT, 254G40 11.5 X 13.0-0.50	
	INTERPRET GEOMETRIC TOLERANCING PER: MATERIAL: SEE BOM FINISH:	LEGEND: △ NOTE CALLOUT □ REVISION CHANGE ○ ITEM NUMBER	DWG. NO. 109064-XXXX REV C
	DO NOT SCALE DRAWING	SCALE: 10:1	SIZE: C

SOCKET FOR DEVICES THAT ARE WITHIN THESE SPECIFICATIONS					
Lead Count	N	254	Package Size	D	11.50
Columns	ND	19		E	13.00
Rows	NE	24	Ball Spacing	D1	8.500
Pitch	e	0.50		E1	11.500
Ball Size	b	0.35±0.050	Encapsulant/ Top Size	D2	N/A
Total Thickness	A	N/A		E2	N/A
Ball Height	A1	0.225 MIN	Pattern Style	IRREGULAR	
Substrate Thickness	A2	N/A	Perimeter Rows	N/A	
Top Thickness	A3		Center Array	N/A	
Form Tolerances					
Edge	aaa	N/A	Bottom	ddd	N/A
Substrate	bbb	N/A	Position	eee	N/A
top	ccc	N/A	Position	fff	N/A

ALL DIMENSIONS IN MILLIMETERS.



Generic Representation with Full Grid Array

<p>PROPRIETARY AND CONFIDENTIAL</p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF IRONWOOD ELECTRONICS, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF IRONWOOD ELECTRONICS, INC IS PROHIBITED.</p>	UNLESS OTHERWISE SPECIFIED:	NAME	DATE	IRONWOOD ELECTRONICS, INC. 1335 EAGANDALE COURT EAGAN, MINNESOTA 55121 952-229-8200	
	DIMENSIONS ARE IN MILLIMETERS	DRAWN	PAR		03/17/16
	TOLERANCES:	CHECKED	NSJ	03/17/16	TITLE: SCKT, 254G40 11.5 X 13.0-0.50
	ANGULAR: ± 1°	LEGEND:			
X.X ±0.25	△ NOTE CALLOUT	DWG. NO.		REV	
X.XX ±0.10	◇ REVISION CHANGE	109064-XXXX		C	
X.XXX ±0.050	○ ITEM NUMBER	SCALE: 10:1		SIZE: C SHEET 2 OF 2	
INTERPRET GEOMETRIC TOLERANCING PER:	DO NOT SCALE DRAWING				
MATERIAL	SEE BOM				
FINISH					