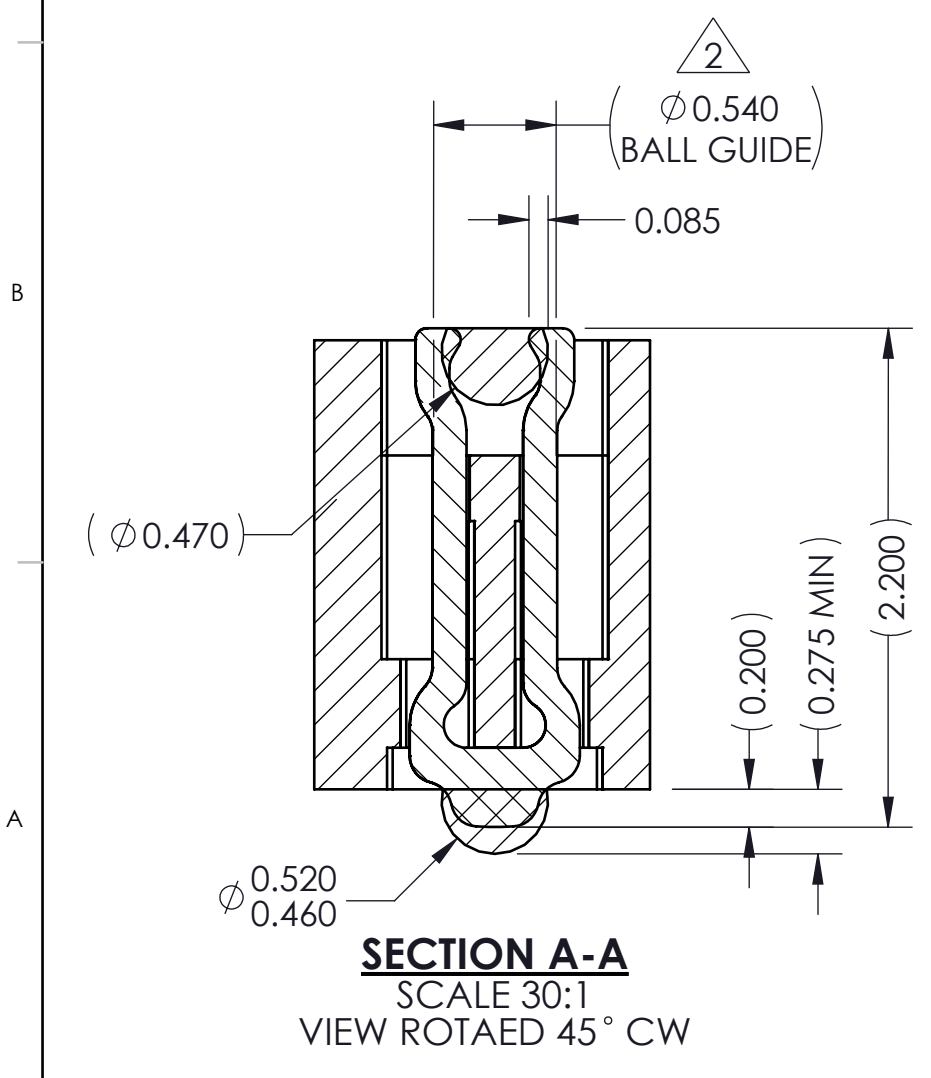
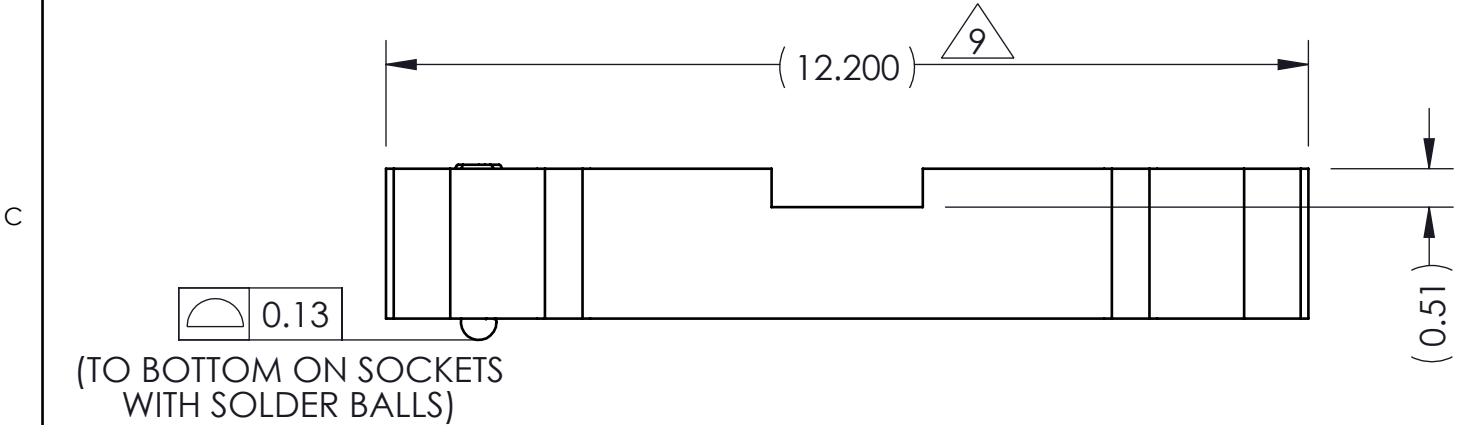
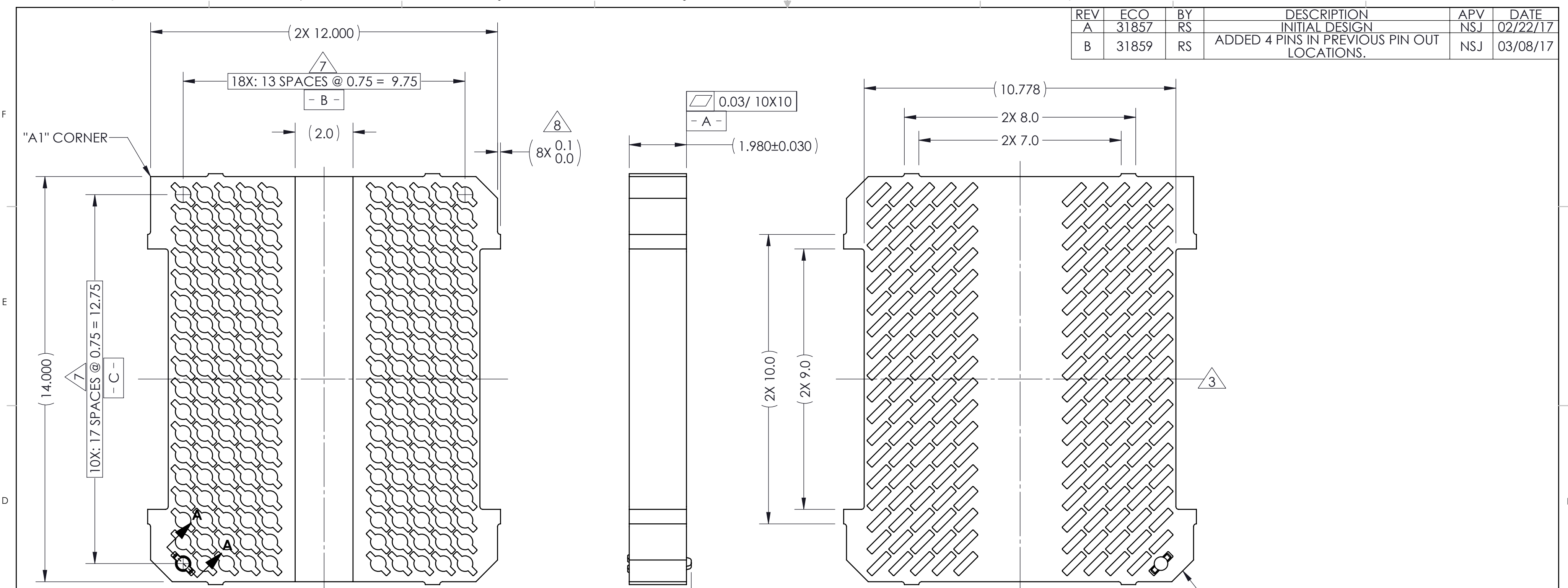


REV	ECO	BY	DESCRIPTION	APV	DATE
A	31857	RS	INITIAL DESIGN	NSJ	02/22/17
B	31859	RS	ADDED 4 PINS IN PREVIOUS PIN OUT LOCATIONS.	NSJ	03/08/17



PART NUMBER	DESCRIPTION
111024-0001	SCKT, 180GRY 12.0X14.0-0.75 (EUTECTIC SOLDER BALL)
111024-0002	SCKT, 180GRY 12.0X14.0-0.75 (SAC305 SOLDER BALL)
111024-0003	SCKT, 180GRY 12.0X14.0-0.75 (WITHOUT SOLDER BALL)
103864-0066	PRESS DEVICE INSERT, 12.0 X 14.0 (SOLD SEPARATELY)
104553-0455	STENCIL, FLEX, 180GRY 12.0X14.0-0.75 (SOLD SEPARATELY)
105900-0004	EXTRACTION TOOL, 4 X 53 (SOLD SEPARATELY)

(TO BOTTOM OF CONTACT ON SOCKETS WITHOUT SOLDER BALLS)

- NOTES:
- UNLESS OTHERWISE NOTED, ALL FEATURES LOCATED ± 0.10 A B C
 - DATUM'S - B - AND - C - ARE DETERMINED BY $\phi 0.540$ FEATURES ON CORNER SLOTS.
 - CENTER OF CONTACT/SOLDER BALL PATTERN.
 - REFERENCE HSIO TECHNOLOGIES SPECIFICATION 700001-0001 FOR SOLDER ATTACHMENT.
 - REFERENCE HSIO TECHNOLOGIES SPECIFICATION 700001-0002 FOR APPLICATION NOTES.
 - DIMENSION LOCATES CENTER OF CONTACT/SLOT.
 - TOOLING MARKS PERMITTED. MAXIMUM 0.10 PROTRUSION SHOWN.
 - DIMENSION INCLUDES 0.10 PROTRUSION.

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	DIMENSIONS ARE IN MILLIMETERS	DRAWN	RS		02/22/17
	TOLERANCES: ANGULAR: $\pm 1^\circ$ X.X ± 0.25 X.XX ± 0.10 X.XXX ± 0.050	CHECKED	NSJ	02/22/17	TITLE: SCKT, 180GRY 12.0X14.0-0.75
	INTERPRET GEOMETRIC TOLERANCING PER:	LEGEND:		DWG. NO.	
MATERIAL SEE B.O.M	\triangle NOTE CALLOUT \square REVISION CHANGE \circ ITEM NUMBER		REV	B	
FINISH	DO NOT SCALE DRAWING		SCALE: 10:1 SIZE: C SHEET 1 OF 2		

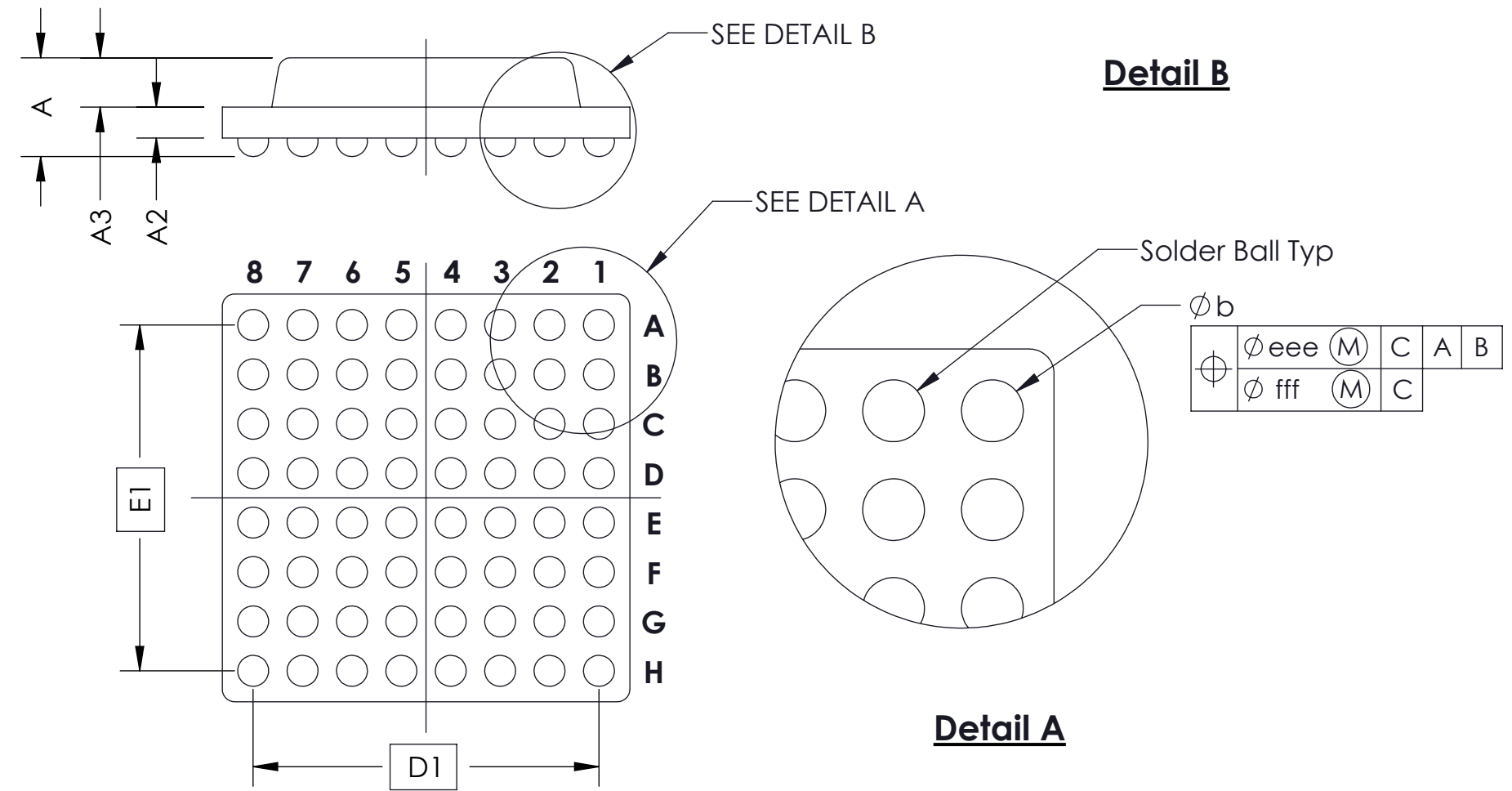
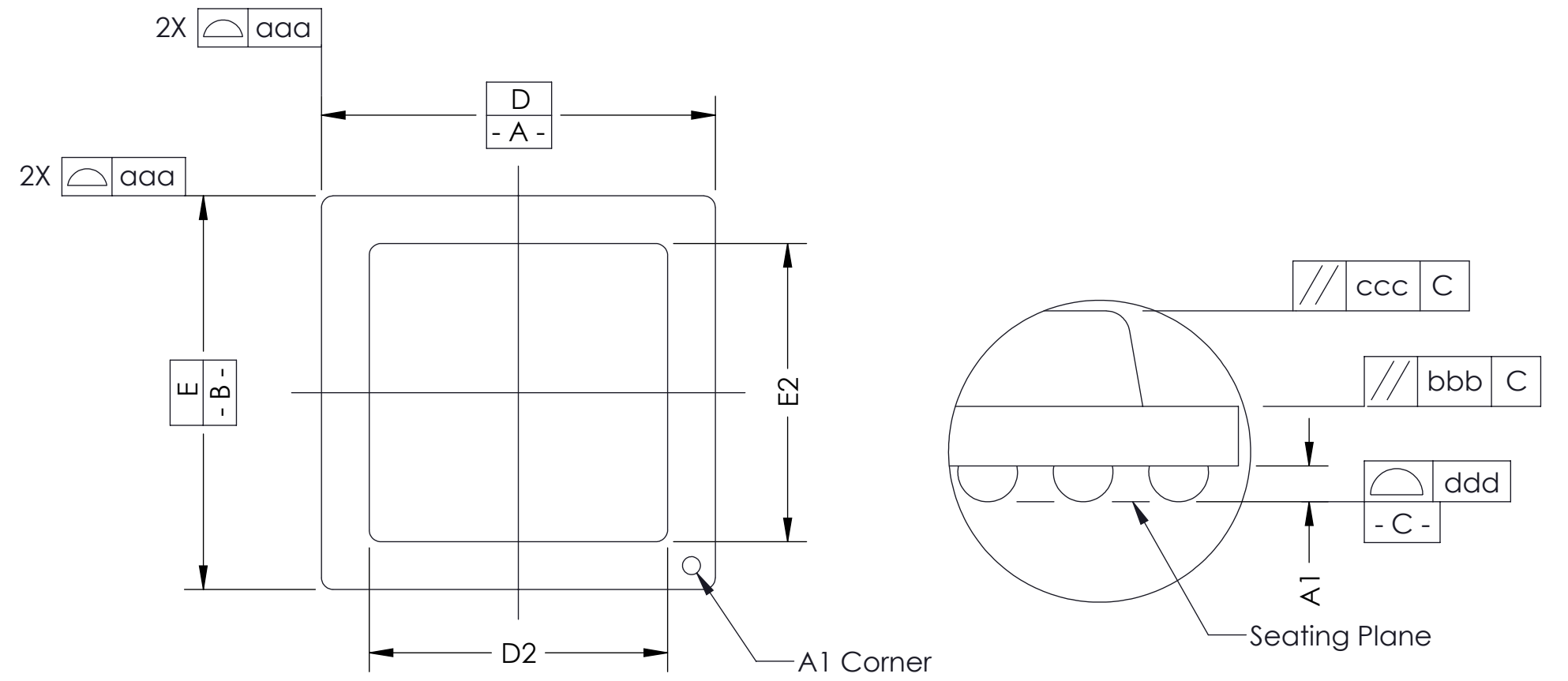
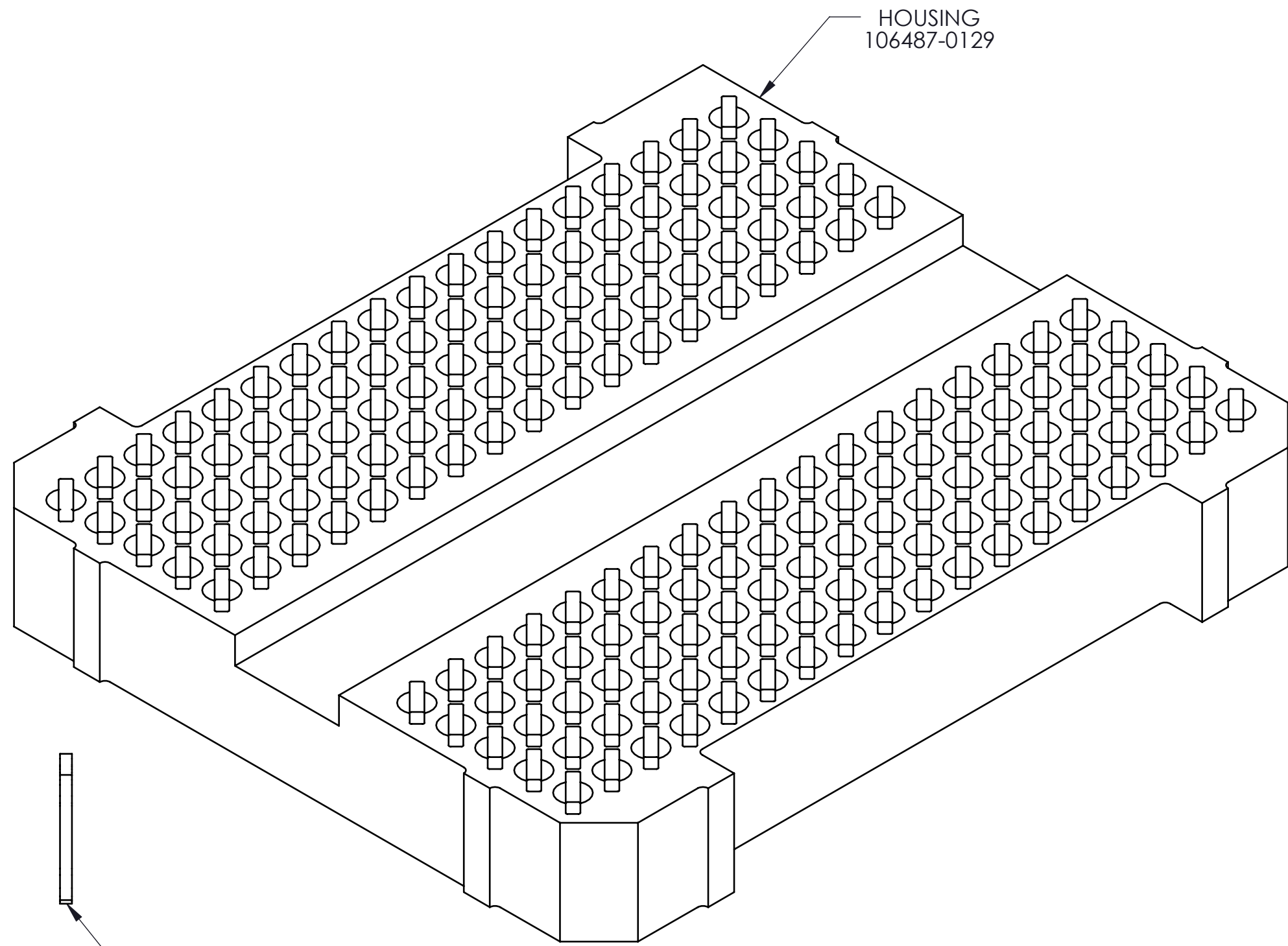
SOCKET FOR DEVICES THAT ARE WITHIN THESE SPECIFICATIONS

Lead Count	N	180	Package Size	D	12.00
Columns	ND	10		E	14.00
Rows	NE	18	Ball Spacing	D1	9.750
Pitch	e	0.75		E1	12.750
Ball Size	b	0.47±0.05	Encapsulant/ Top Size	D2	N/A
Total Thickness	A	N/A		E2	N/A
Ball Height	A1	0.275 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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	NAME	DATE							
	DRAWN RS	02/22/17							
	CHECKED NSJ	02/22/17							
INTERPRET GEOMETRIC TOLERANCING PER: MATERIAL FINISH	<p>LEGEND:</p> <ul style="list-style-type: none"> △ NOTE CALLOUT □ REVISION CHANGE ○ ITEM NUMBER 	<p>TITLE: SCKT, 180GRY 12.0X14.0-0.75</p>							
DO NOT SCALE DRAWING	<p>SEE B.O.M</p>		<p>DWG. NO. 111024-XXXX</p>						
		<p>SCALE: 10:1 SIZE: C SHEET 2 OF 2</p>	<p>REV B</p>						