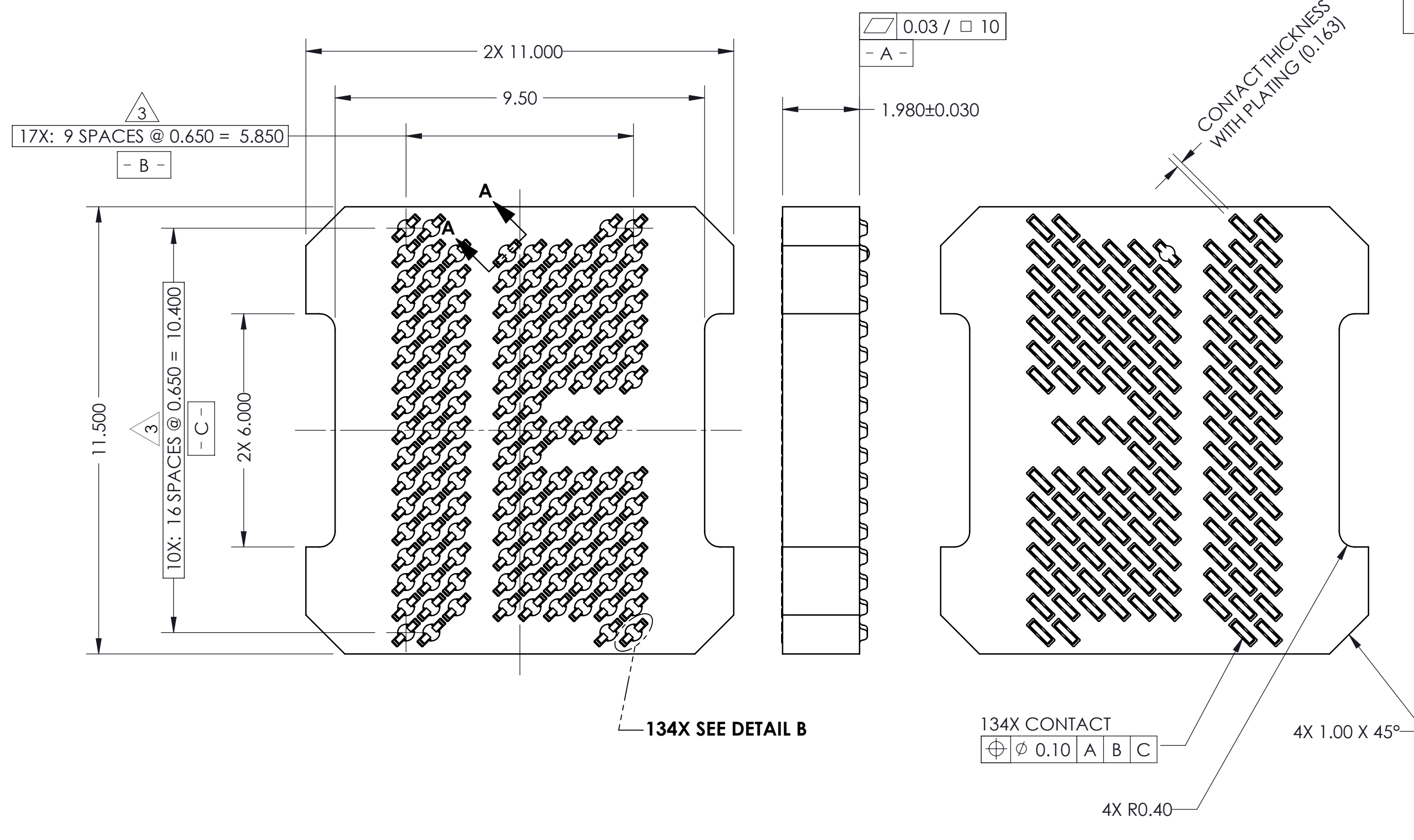
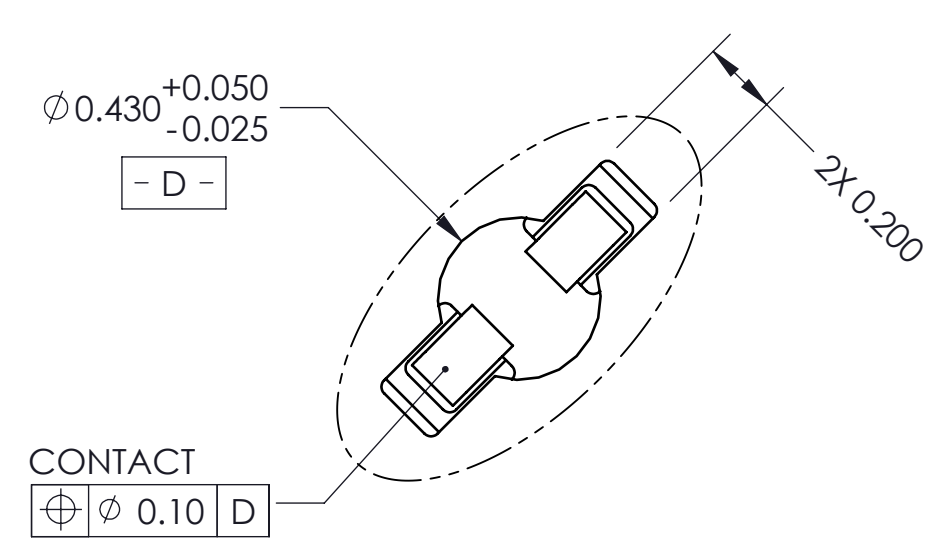
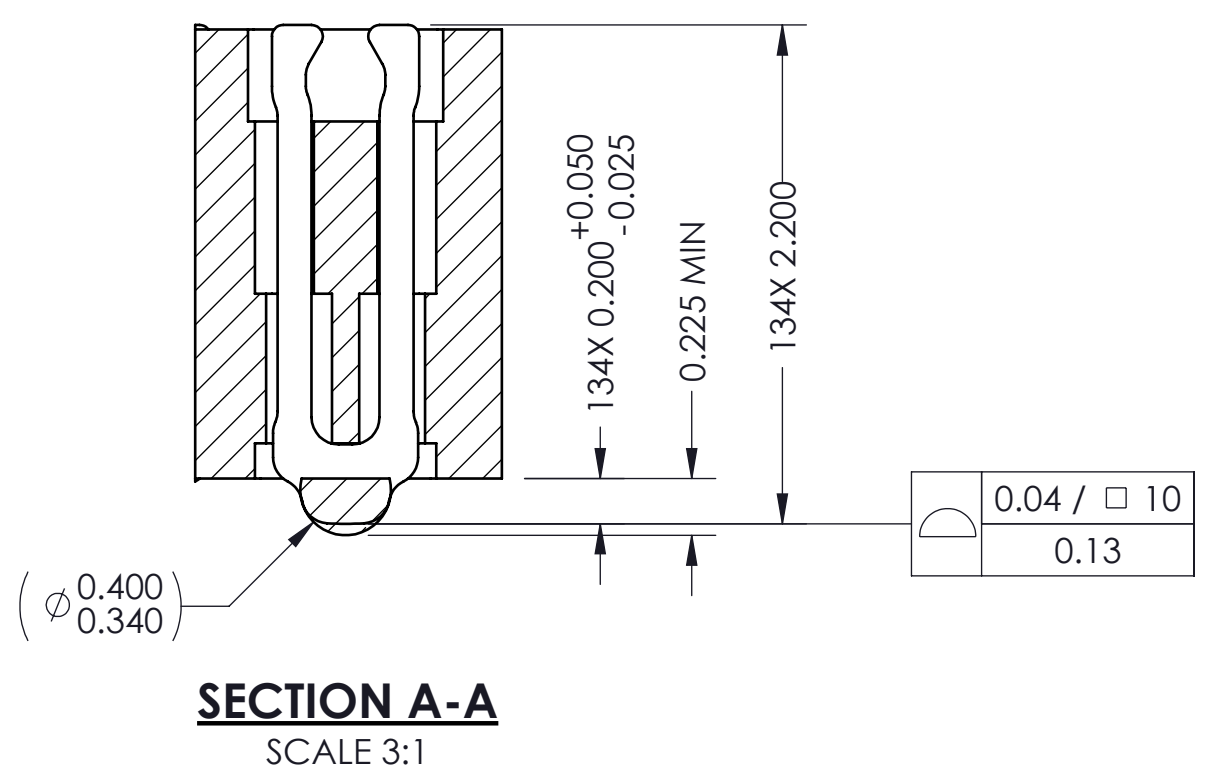


REV	ECO	BY	DESCRIPTION	APV	DATE
A	31803	RS	INITIAL DESIGN	NSJ	10/20/16



- Notes:
- Footprint part number is 104311-0258.
 - Unless otherwise noted, all features located $\oplus 0.10$ A B C
 - $\triangle 3$ Locates center of contact slots.
 - Datums B and C determined by $\phi 0.430$ opening in corner slots.
 - All solder balls are **NOT** shown to minimize file size.

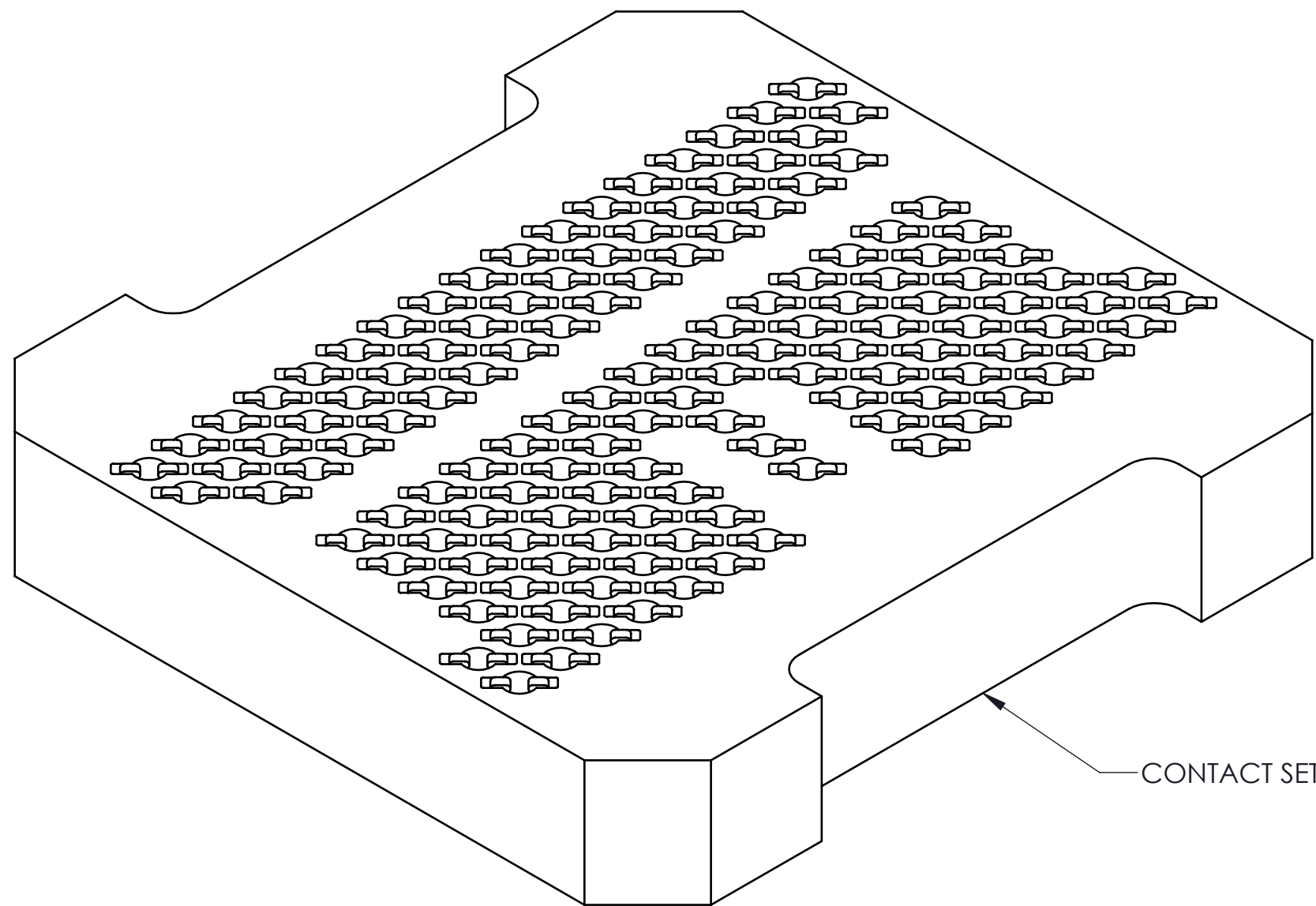


PARTS LIST	
Part Number	Description
104946-0015	SCKT, 134GRY11X11.5-0.65, SAC305
104947-0010	CS, 134GRY11X11.5-0.65
103864-0061	PRESS, DEV INS, 11X11.5 (SOLD SEP.)

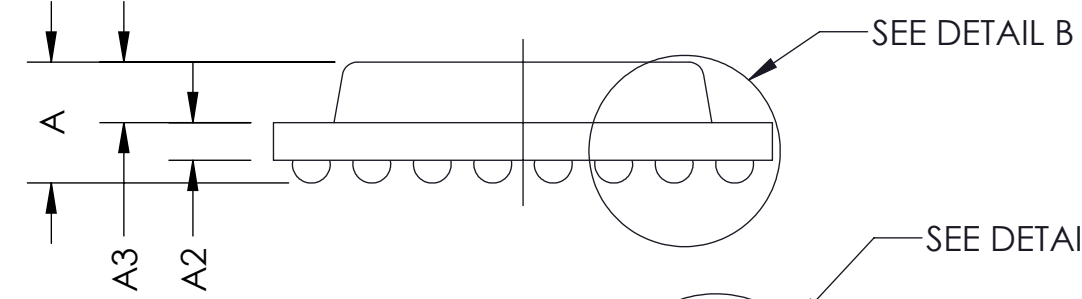
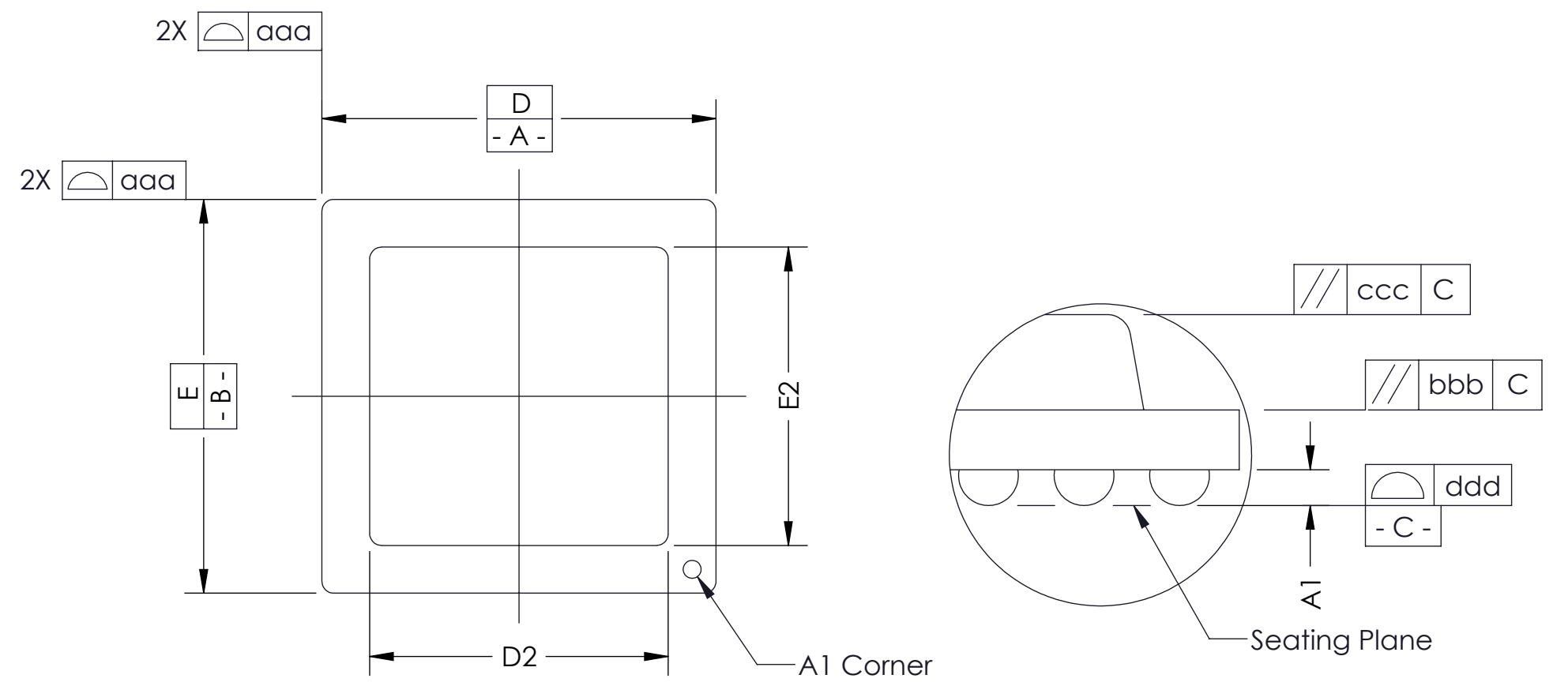
<p>HSIO technologies PROPRIETARY AND CONFIDENTIAL</p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF HSIO TECHNOLOGIES, LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF HSIO TECHNOLOGIES, LLC IS PROHIBITED.</p>	UNLESS OTHERWISE SPECIFIED:	NAME	DATE	HSIO TECHNOLOGIES, LLC. 13400 68th AVENUE NORTH MAPLE GROVE, MINNESOTA 55311 763-447-6260	
	DIMENSIONS ARE IN MILLIMETERS	DRAWN	RS		10/20/16
	TOLERANCES:	CHECKED	NSJ	10/20/16	TITLE: SCKT, 134GRY 11.0X11.5-0.65, SAC305 SOLDER BALLS
	ANGULAR: $\pm 1^\circ$	LEGEND:		DWG. NO. 104946-0015 REV A SCALE: 10:1 SIZE: C SHEET 1 OF 2	
XX ± 0.25	\triangle NOTE CALLOUT				
X.XX ± 0.10	\square REVISION CHANGE				
X.XXX ± 0.050	\circ ITEM NUMBER				
INTERPRET GEOMETRIC TOLERANCING PER:					
MATERIAL					
SEE BOM					
FINISH					
DO NOT SCALE DRAWING					

SOCKET FOR DEVICES THAT ARE WITHIN THESE SPECIFICATIONS					
Lead Count	N	134	Package Size	D	11.00
Columns	ND	10		E	11.50
Rows	NE	17	Ball Spacing	D1	5.85
Pitch	e	0.65		E1	10.40
Ball Size	b	0.35±0.05	Encapsulant/ Top Size	D2	n/a
Total Thickness	A	n/a		E2	n/a
Ball Height	A1	0.25 Min	Pattern Style	IRREGULAR*	
Substrate Thickness	A2	n/a	Perimeter Rows	n/a	
Top Thickness	A3	n/a	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	0.08

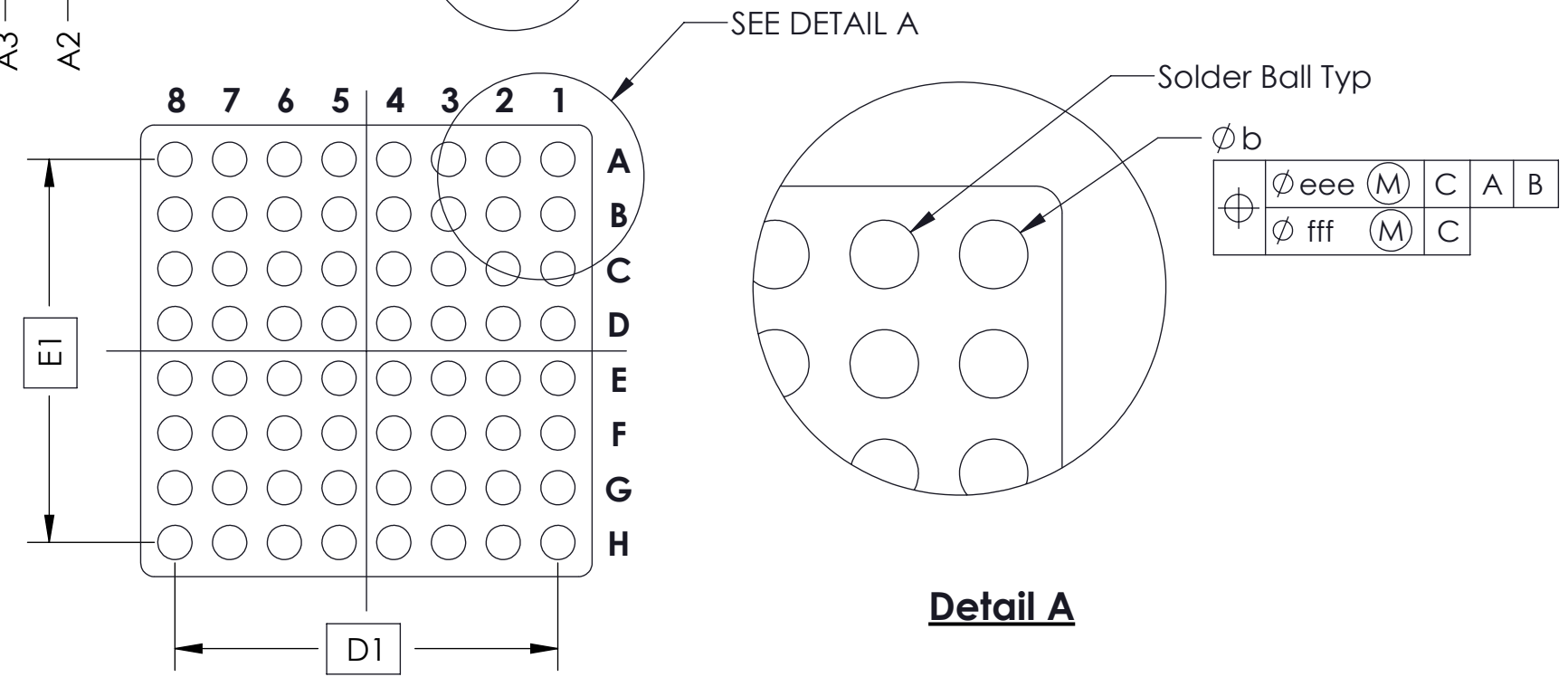
All dimensions are in millimeters.
*See footprint specification for pattern details.



CONTACT SET




Detail B



Detail A

Generic Representation with Full Grid Array

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DIMENSIONS ARE IN MILLIMETERS	DRAWN	RS		10/20/16
TOLERANCES:	CHECKED	NSJ		10/20/16
ANGULAR: ± 1° X.X ±0.25 X.XX ±0.10 X.XXX ±0.050			TITLE: SCKT, 134GRY 11.0X11.5-0.65, SAC305 SOLDER BALLS	
LEGEND: △ NOTE CALLOUT ◻ REVISION CHANGE ○ ITEM NUMBER	DWG. NO. 104946-0015		REV A	
SCALE: 10:1		SIZE: C	SHEET 2 OF 2	