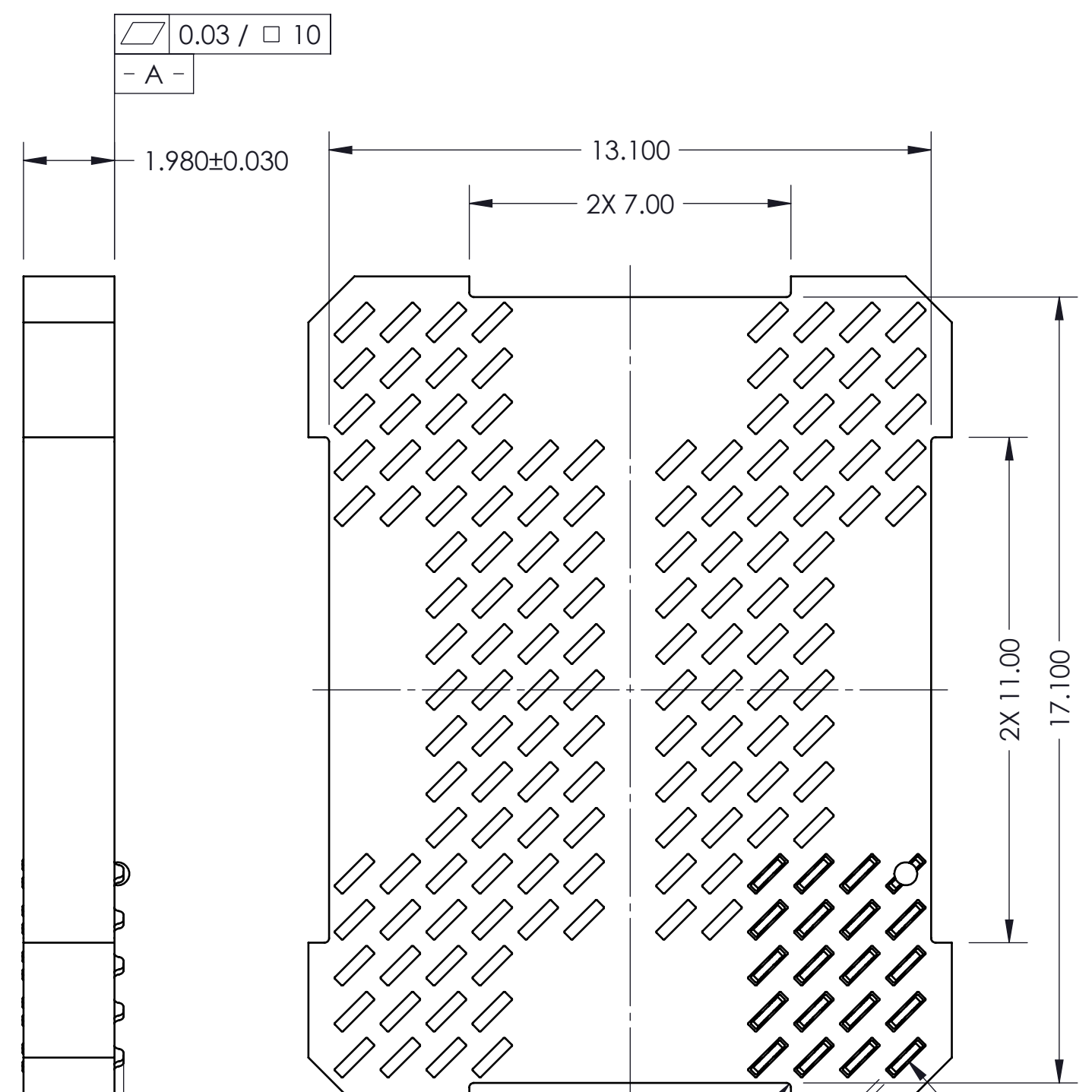
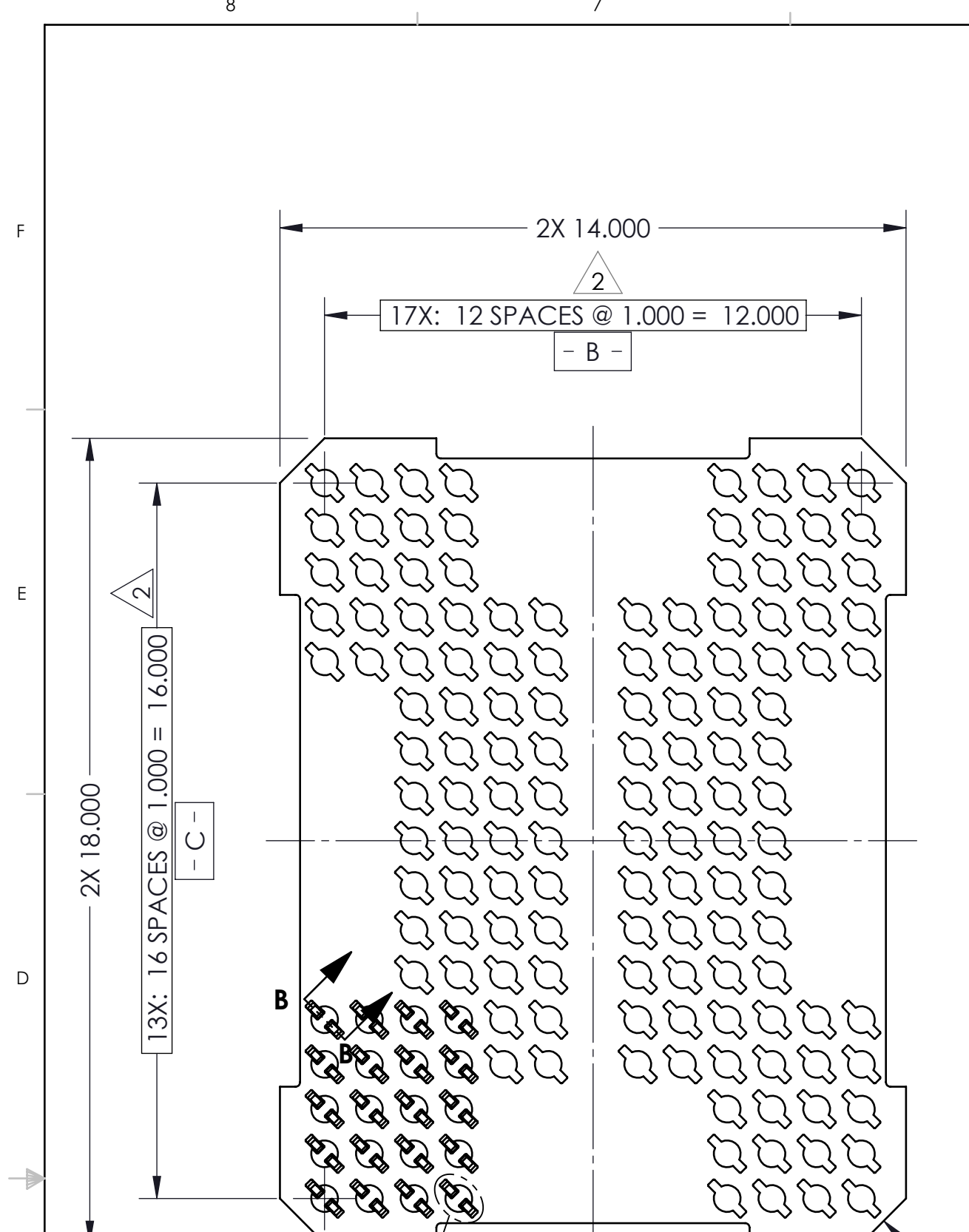
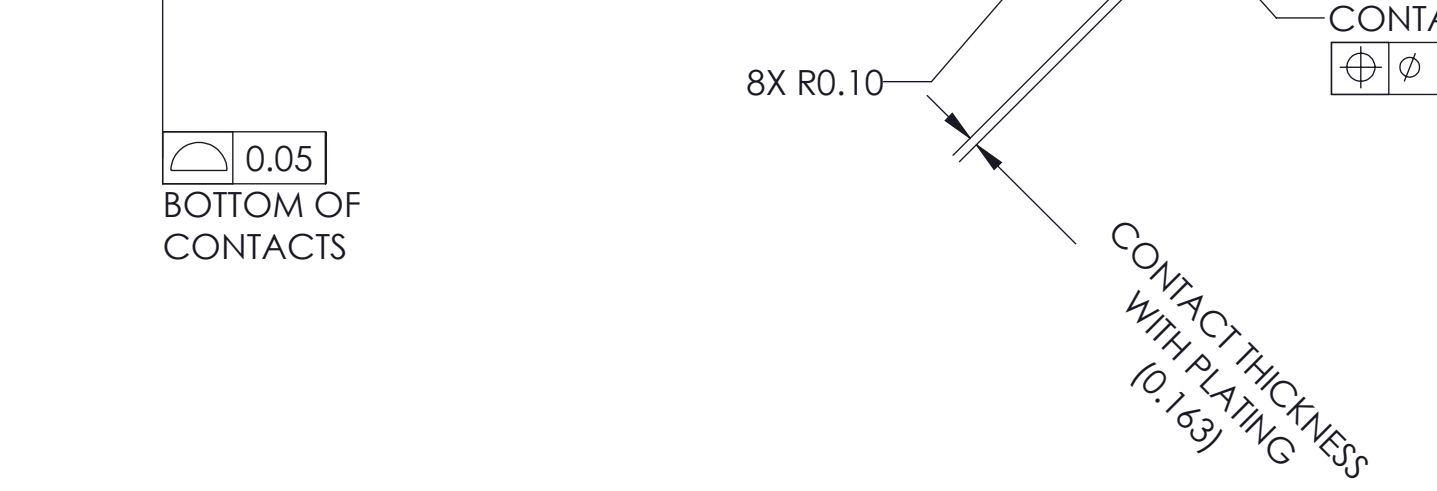


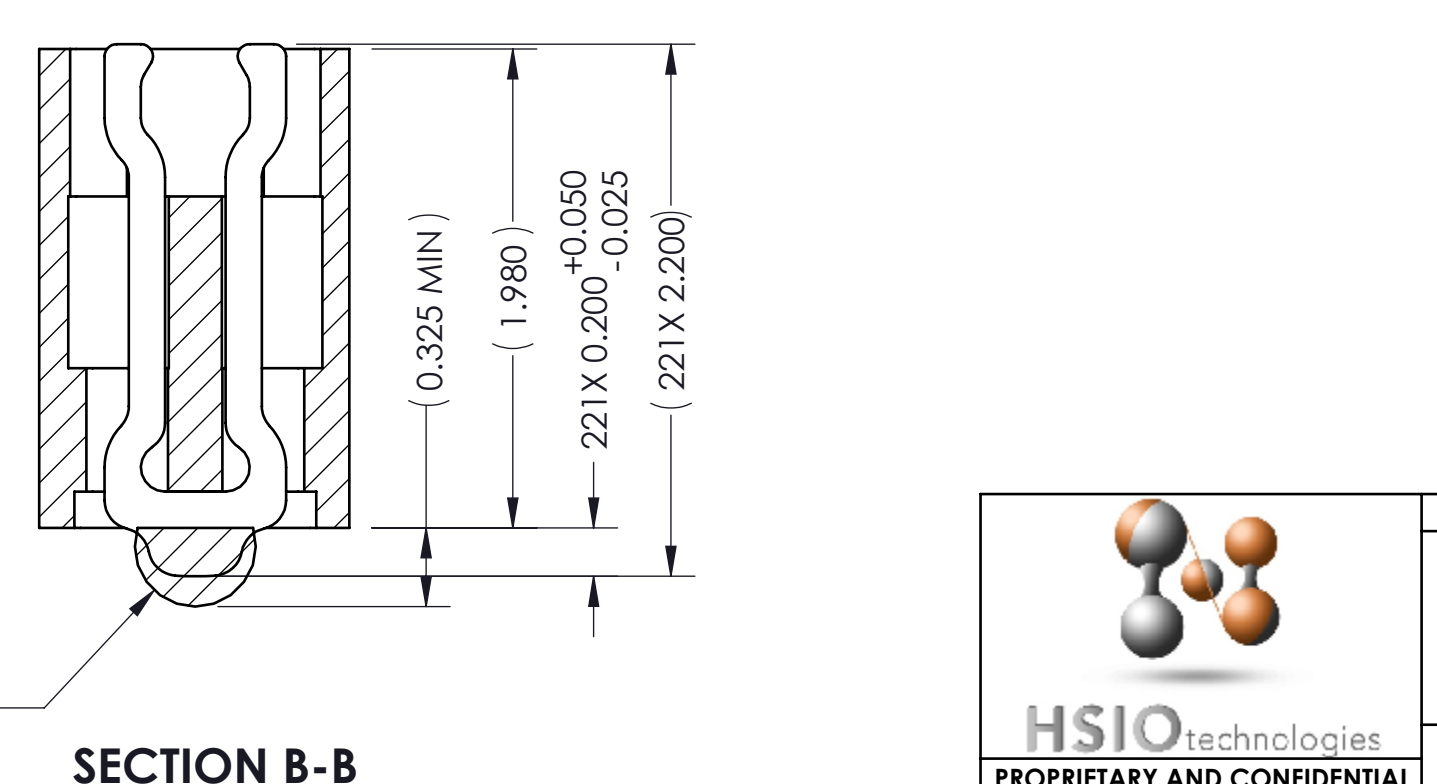
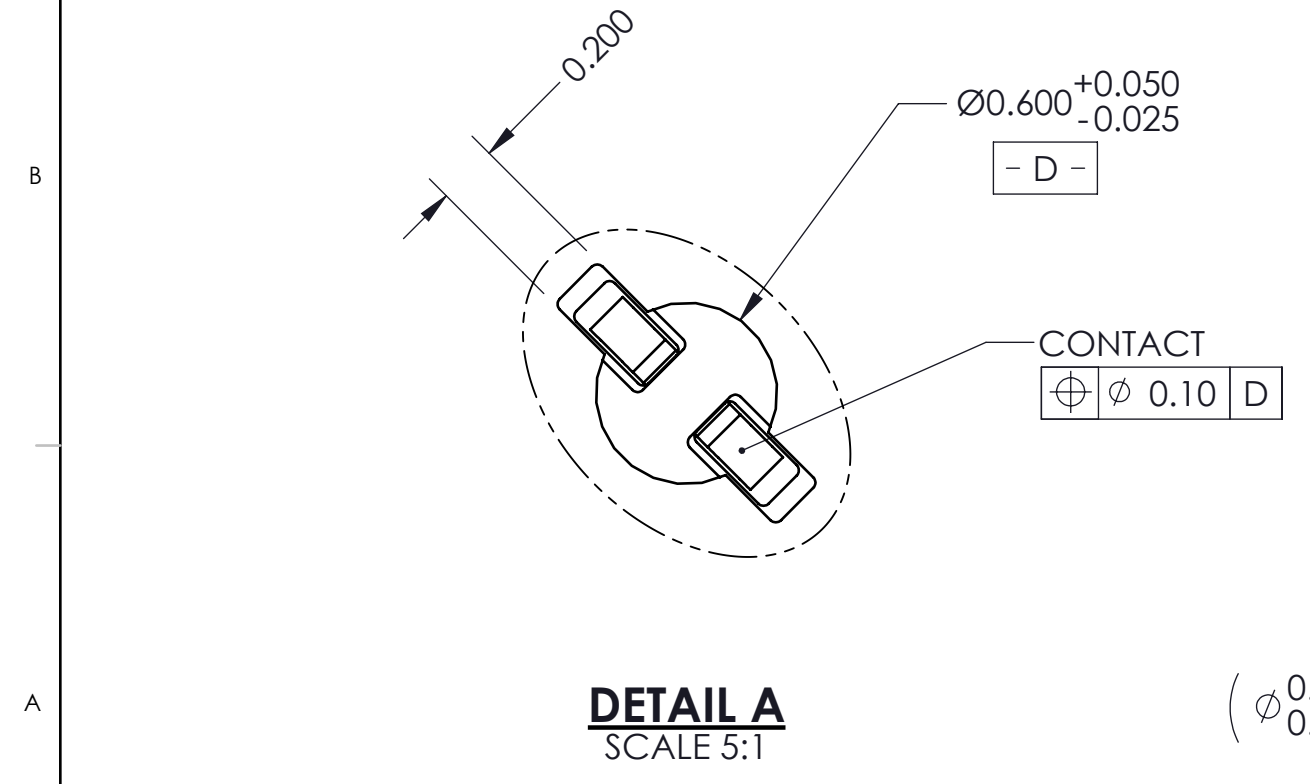
REV	ECO	BY	DESCRIPTION	APV	DATE
A	31599	RS	Initial Release	NSJ	02/10/15



- Notes:
1. Dimension locates center of contact/slot.
 2. Footprint part number is 104311-0323.
 3. Press size is 14.00 X 18.00.
 4. Datums - B - and - C - are determined by $\varnothing 6.00$ opening in corner losts.
 5. Unless otherwise specified, all features located $\oplus 0.10$ A B C



PARTS LIST	
PART NUMBER	DESCRIPTION
104671-0036	CS,152GRY14X18-1.00
103864-0116	PRESS, DEV INS, 14 X 18 (SOLD SEPARATELY)
104553-0248	STEN FLEX, 151GRY14X18-1.00 (SOLD SEPARATELY)



HSIO technologies
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UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
TOLERANCES:
ANGULAR: ± 1°
X.X ± 0.25
X.XX ± 0.10
X.XXX ± 0.050

INTERPRET GEOMETRIC TOLERANCING PER:
MATERIAL: SEE BOM
FINISH:
DO NOT SCALE DRAWING

NAME	DATE
DRAWN RS	02/10/15
CHECKED RS	02/10/15

LEGEND:
△ NOTE CALLOUT
◻ REVISION CHANGE
○ ITEM NUMBER

HSIO TECHNOLOGIES, LLC.
13300 67th AVENUE NORTH
MAPLE GROVE, MINNESOTA 55311
763-447-6260

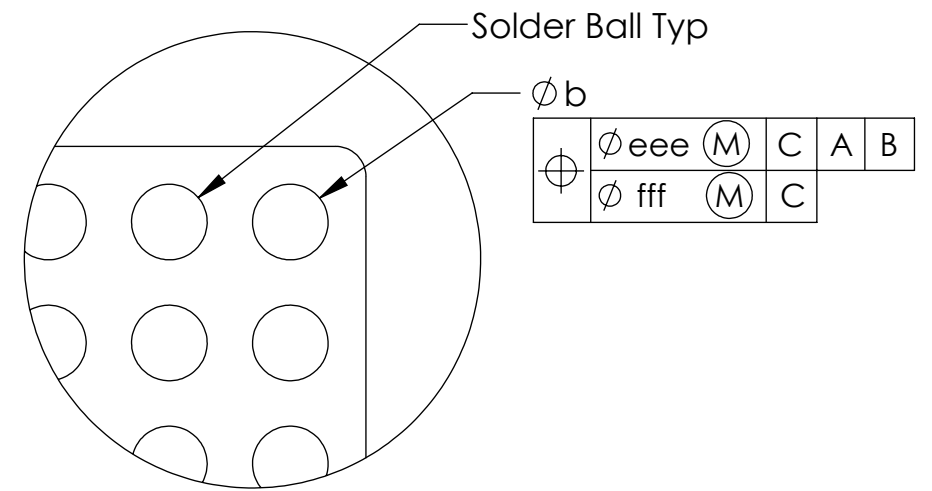
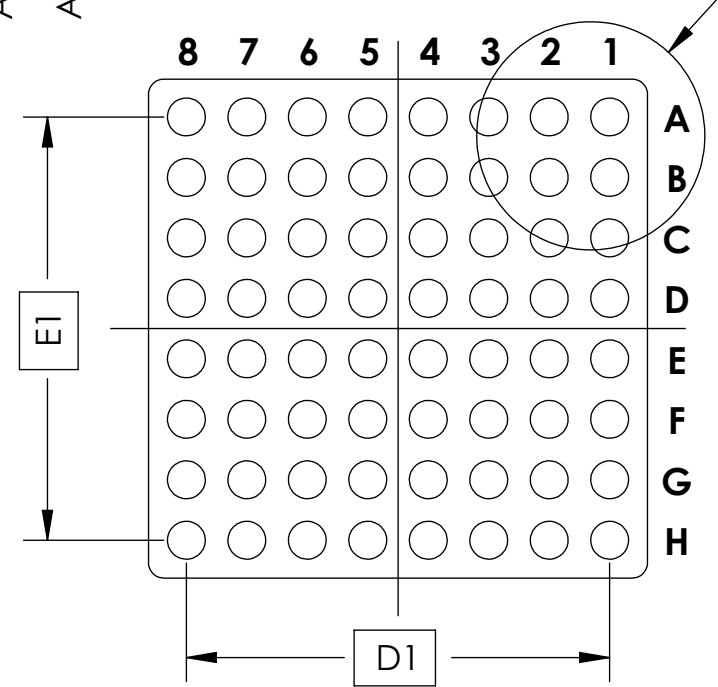
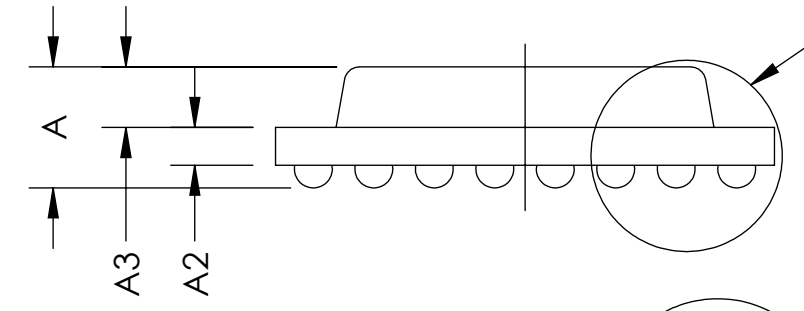
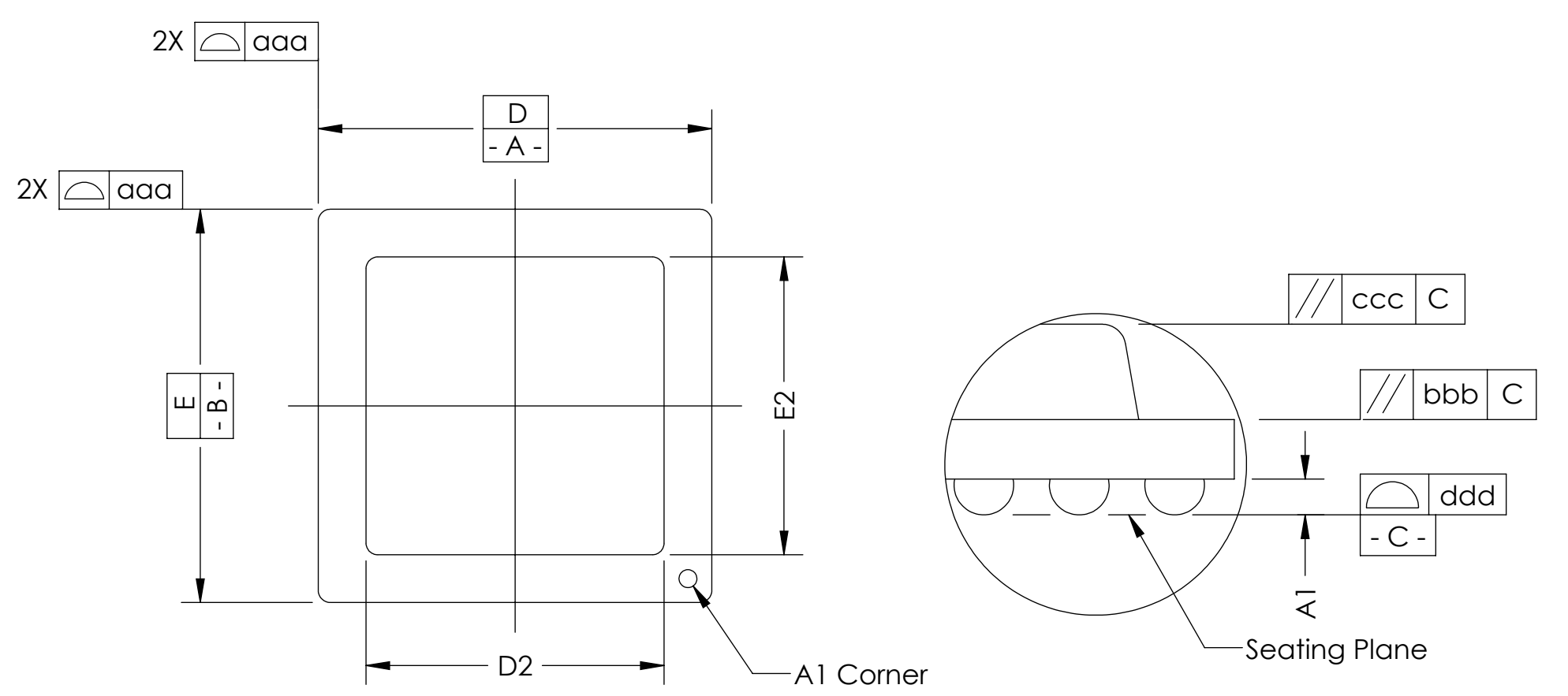
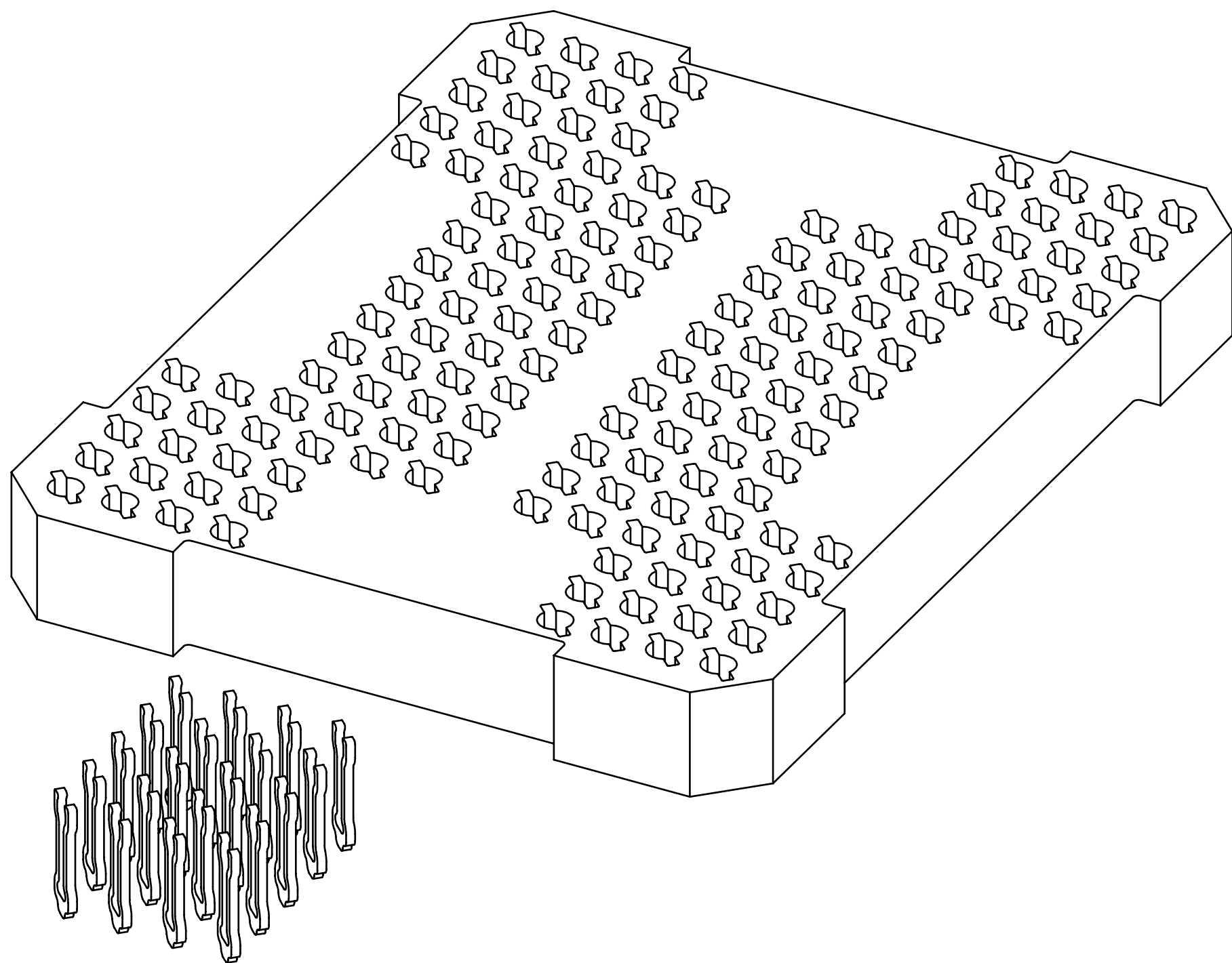
TITLE:
SCKT, 152GRY14X18-1.00,
SAC305

DWG. NO.	REV
104670-0041	A

SCALE: 5:1 | SIZE: C | SHEET 1 OF 2

Device Specification					
Lead Count	N	152	Package Size	D	14.00
Columns	ND	13	Ball Spacing	E	18.00
Rows	NE	17		D1	12.00
Pitch	e	1.000	Encapsulant/ Top Size	E1	16.00
Ball Size	b	0.50±0.05		D2	N/A
Total Thickness	A	N/A	Pattern Style	E2	N/A
Ball Height	A1	0.30 min	Perimeter Rows	Irregular	
Substrate Thickness	A2	N/A	Center Array	N/A	
Top Thickness	A3				
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.



Generic Representation with Full Grid Array

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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: ANGULAR: ± 1° X.X ±0.25 X.XX ±0.10 X.XXX ±0.050	DRAWN	RS	DATE	02/10/15	HSIO TECHNOLOGIES, LLC. 13300 67th AVENUE NORTH MAPLE GROVE, MINNESOTA 55311 763-447-6260
	CHECKED	NSJ	DATE	02/10/15	

LEGEND:
 △ NOTE CALLOUT
 ◻ REVISION CHANGE
 ○ ITEM NUMBER

TITLE: SCKT, 152GRY14X18-1.00, SAC305	
DWG. NO. 104670-0041	REV A
SCALE: 5:1	SIZE: C SHEET 2 OF 2