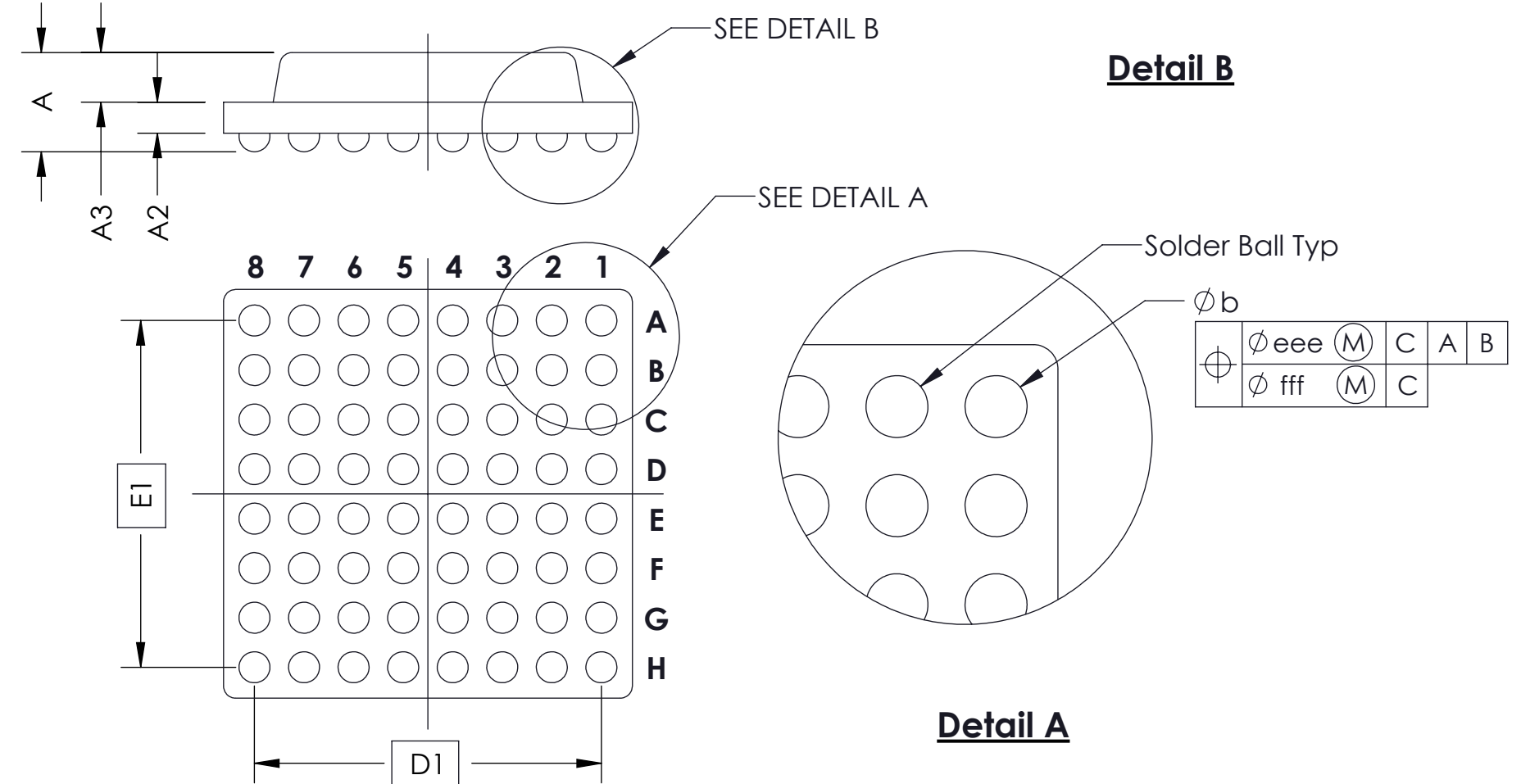
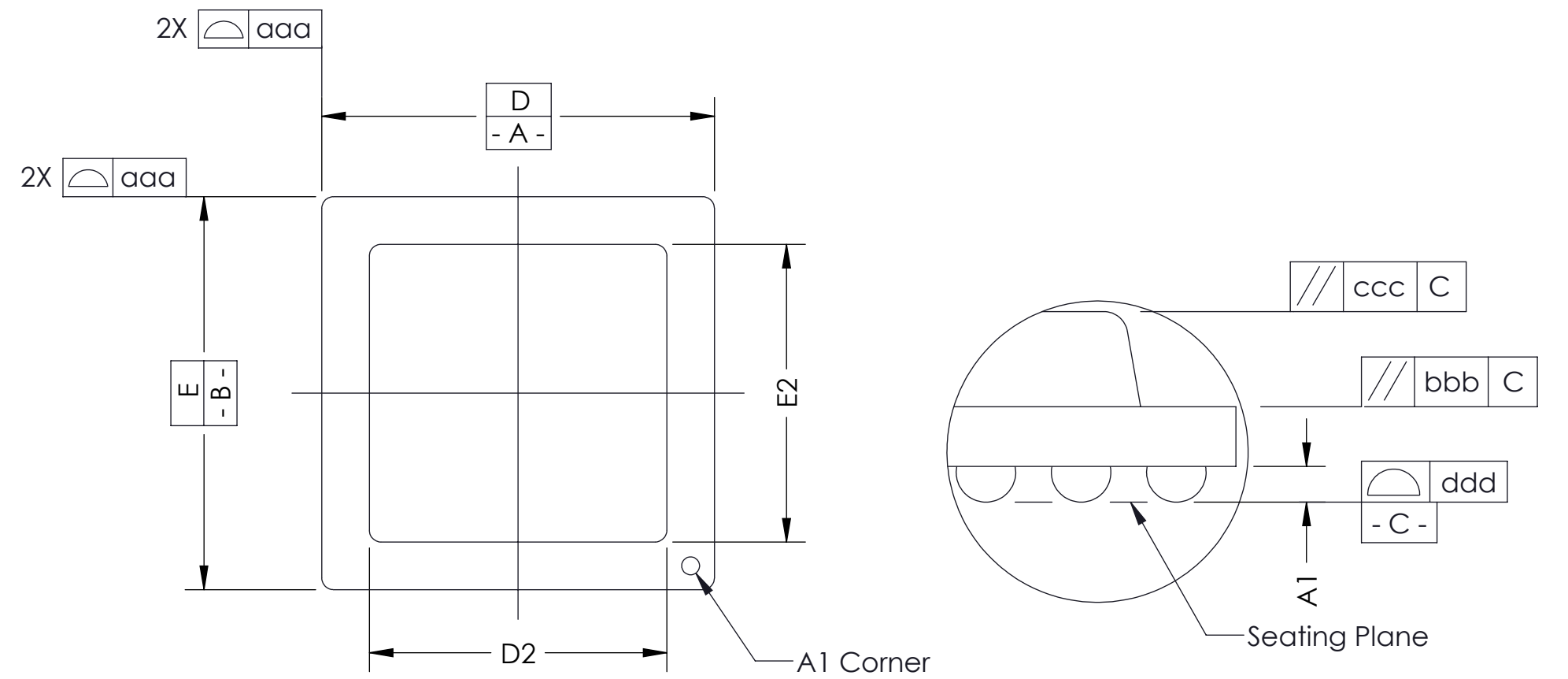


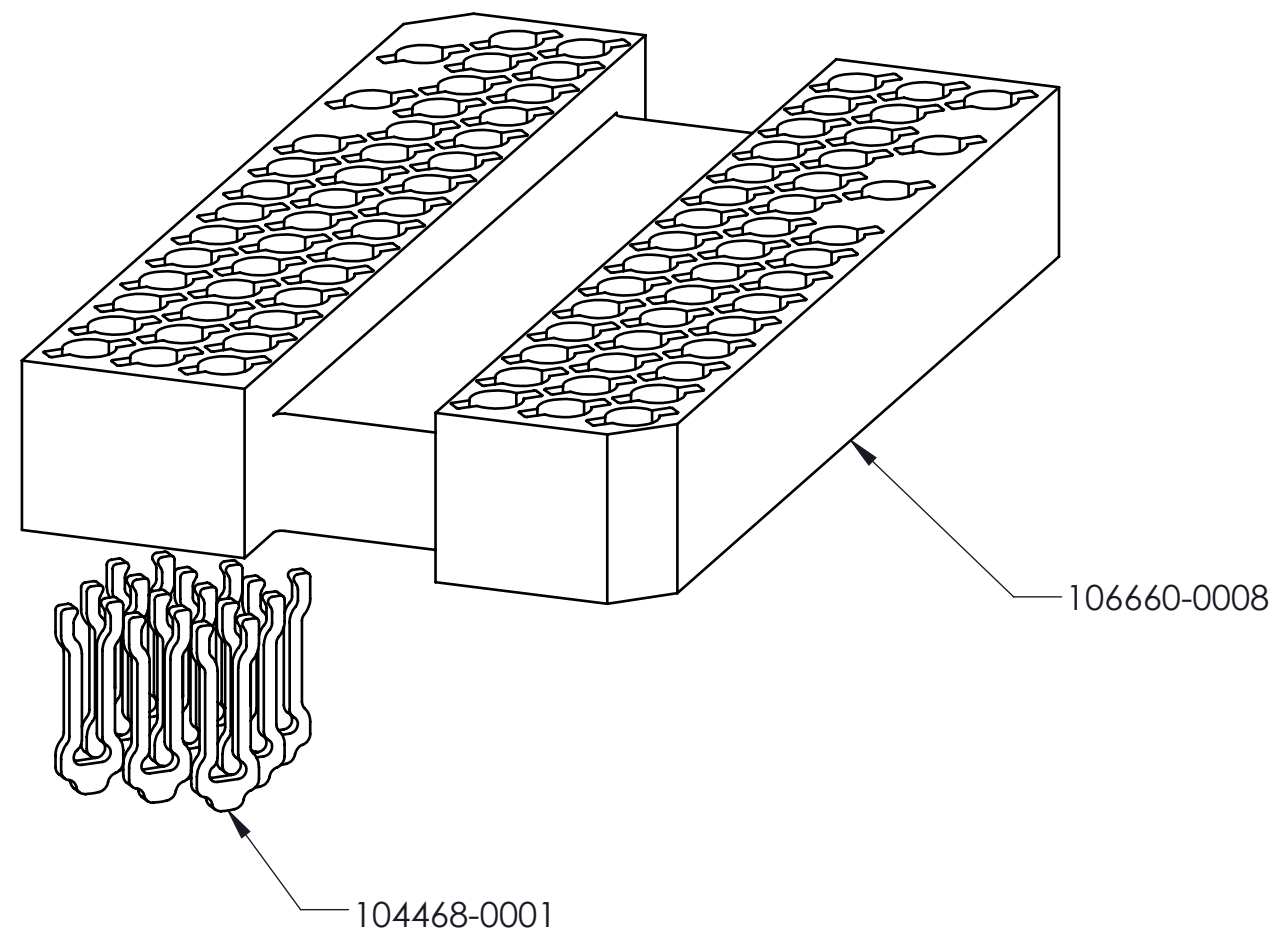


Device Specification					
Lead Count	<b>N</b>	84	Package Size	<b>D</b>	7.50
Columns	<b>ND</b>	9	Ball Spacing	<b>E</b>	12.50
Rows	<b>NE</b>	15	Encapsulant/ Top Size	<b>D1</b>	6.40
Pitch	<b>e</b>	0.800	Encapsulant/ Top Size	<b>E1</b>	11.20
Ball Size	<b>b</b>	0.50±0.05	Encapsulant/ Top Size	<b>D2</b>	n/a
Total Thickness	<b>A</b>	n/a	Pattern Style	<b>E2</b>	n/a
Ball Height	<b>A1</b>	0.30 min	Perimeter Rows	Irregular*	
Substrate Thickness	<b>A2</b>	n/a	Center Array	n/a	
Top Thickness	<b>A3</b>		n/a		
Form Tolerances					
Edge	<b>aaa</b>	0.20	Bottom	<b>ddd</b>	0.15
Substrate	<b>bbb</b>	0.20	Position	<b>eee</b>	0.20
top	<b>ccc</b>	0.20	Position	<b>fff</b>	0.08

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



**Generic Representation with Full Grid Array**



<small>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF HSIO TECHNOLOGIES, LLC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF HSIO TECHNOLOGIES, LLC. IS PROHIBITED.</small>			
<small>UNLESS OTHERWISE SPECIFIED - DIMENSIONS ARE IN MILLIMETERS - DIMS APPLY AFTER PLATING TOLERANCES UNLESS OTHERWISE NOTED: DECIMALS ANGLES X.X ±0.25 ±1° X.XX ±0.10 X.XXX ±0.050</small>		<b>HSIO TECHNOLOGIES, LLC.</b> 13400 68TH AVENUE NORTH MAPLE GROVE, MN 55311. 763-447-6260	
<b>SCKT, 84GRY7.5X12.5-0.80</b>			
SIZE	CAD FORMAT	DRAWING NO.	REV.
C	SOLIDWORKS	<b>104670-0027</b>	<b>B</b>
SCALE	MATERIAL	SHEET	
		See Page 1	2 of 2