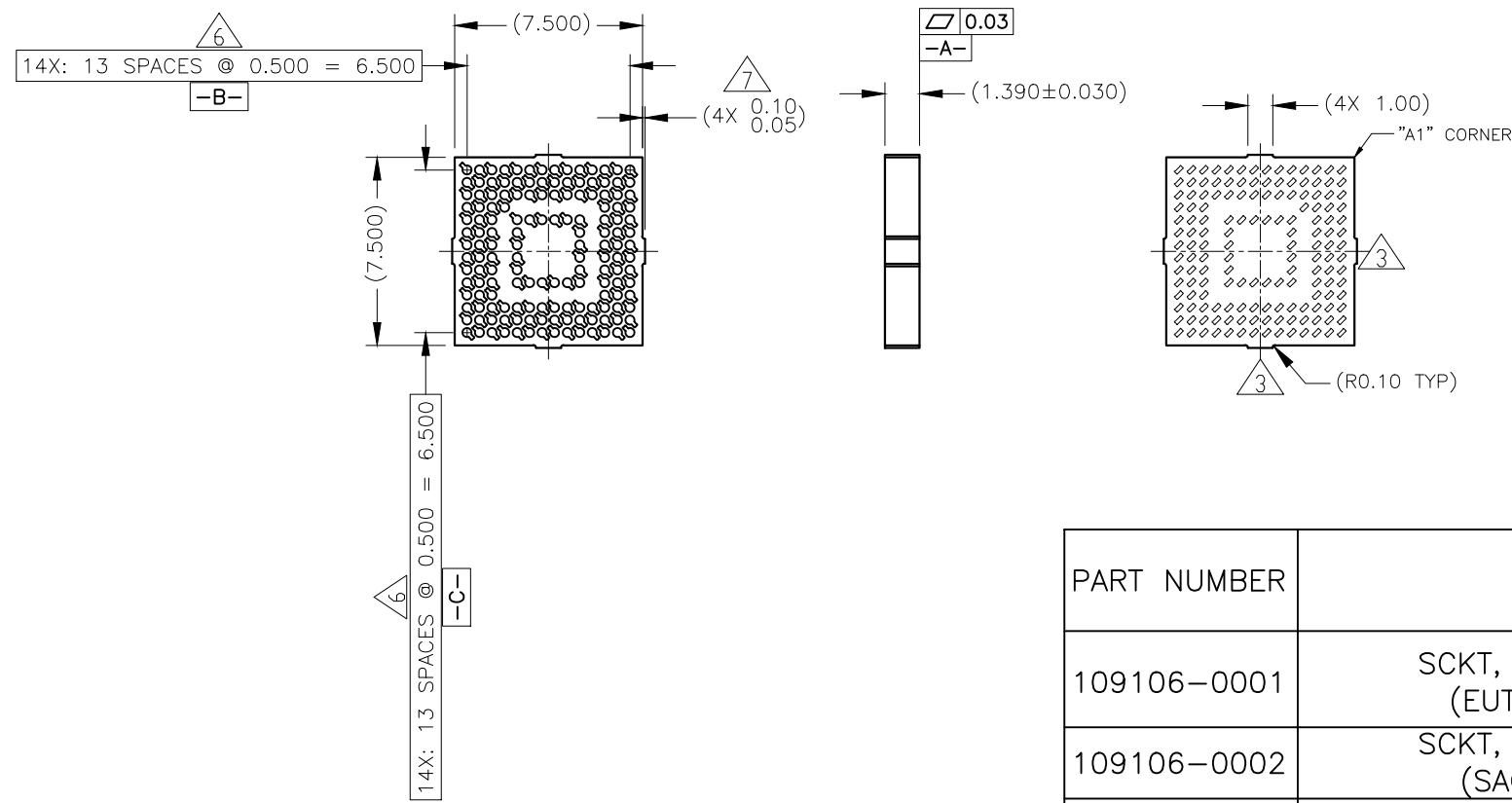


REV	ECO	BY	DESCRIPTION	APV	DATE
A	31985	RS	INITIAL DESIGN	NSJ	07/02/18



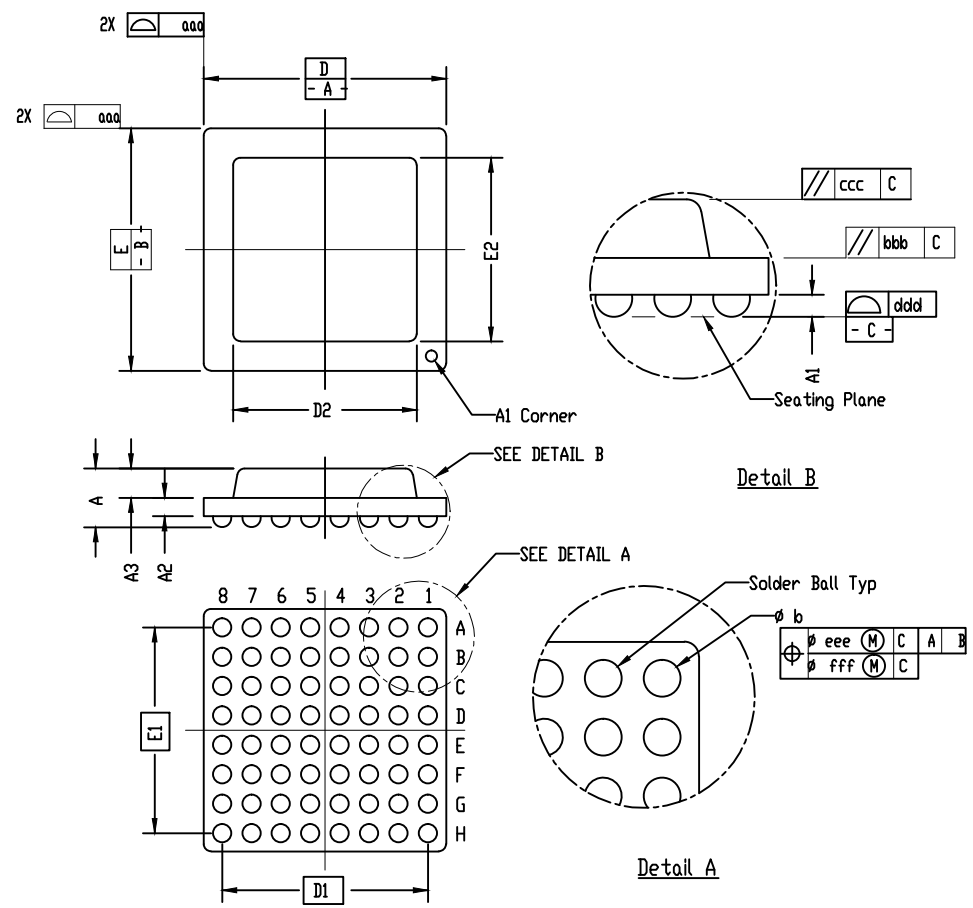
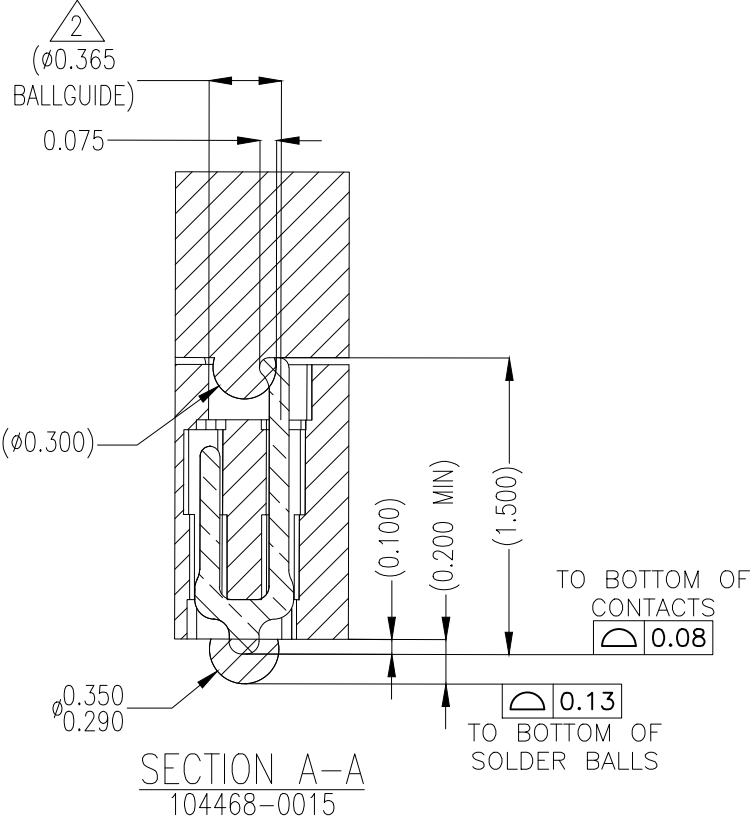
PART NUMBER	DESCRIPTION
109106-0001	SCKT, 153G40 7.5-0.50, M.E. (EUTECTIC SOLDER BALLS)
109106-0002	SCKT, 153G40 7.5-0.50, M.E. (SAC305 SOLDER BALLS)
109106-0003	SCKT, 153G40 7.5-0.50, M.E. (WITHOUT SOLDER BALLS)
103864-0077	PRESS DEVICE INSERT, 7.00 X 7.00 (SOLD SEPARATELY)
104553-0496	STENCIL, FLEX, 153G40 7.5-0.50 (SOLD SEPARATELY)
105900-0004	EXTRACTION TOOL, 4 X 53 (SOLD SEPARATELY)

- NOTES:
- UNLESS OTHERWISE NOTED, ALL FEATURES LOCATED $\phi 0.10$ A|B|C
 - DATUM'S -B- AND -C- ARE DETERMINED BY $\phi 0.365$ FEATURES ON CORNER SLOTS.
 - CENTER OF CONTACT 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.

UNLESS OTHERWISE SPECIFIED - DIMENSIONS ARE IN MILLIMETERS - DIM'S APPLY AFTER PLATING		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.	
TOLERANCES UNLESS OTHERWISE NOTED:		CAD GENERATED DRAWING DO NOT MANUALLY UPDATE	
ANGLES ±1°	DECIMALS X.X ±0.25 X.XX ±0.10 X.XXX ±0.050	DRAWING APPROVALS	
LEGEND:		NAME	DATE
(X) NOTE CALLOUT	(M) REVISION CHANGE	R. SEWHARACK	07/02/18
(X) ITEM NUMBER		N. ST JACQUE	07/02/18
THIRD ANGLE PROJECTION		TITLE	
		SCKT, 153G40 7.5-0.50, M.E.	
		SCALE	CIRLEX
		CAD FORMAT	AUTOCAD
		DRAWING NO.	109106-XXXX
		REV:	A
		SHEET	1 of 1

SOCKET FOR DEVICES THAT ARE WITHIN THESE SPECIFICATIONS					
Lead Count	N	153	Package Size	D	7.50 MIN
Columns	ND	14	Ball Spacing	E	7.50 MIN
Rows	NE	14		D1	6.500
Pitch	e	0.500	Encapsulant/ Top Size	E1	6.500
Ball Size	b	0.30±0.05		D2	N/A
Total Thickness	A	N/A	Pattern Style	E2	N/A
Ball Height	A1	0.200 MIN		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 ARE IN MILLIMETERS.



Generic Representation with Full Grid Array

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UNLESS OTHERWISE SPECIFIED - DIMENSIONS ARE IN MILLIMETERS
 - DIM'S APPLY AFTER PLATING

TOLERANCES UNLESS OTHERWISE NOTED:
 ANGLES: DECIMALS ±0.25
 ±1° XX ±0.10
 XXX ±0.10
 XXXX ±0.050

LEGEND:
 1 NOTE CALLOUT
 (R) REVISION CHANGE
 (I) ITEM NUMBER

HSIQ TECHNOLOGIES, LLC.
 13400 68TH AVENUE NORTH
 MAPLE GROVE, MN 55311. 763-447-6260

TITLE: SCKT, 153G40 7.5-0.50, M.E.

REV: A
 DATE: AUTOCAD
 DRAWING NO: 109106-XXXX
 SCALE: See Pg 1
 SHEET: 2 of 2