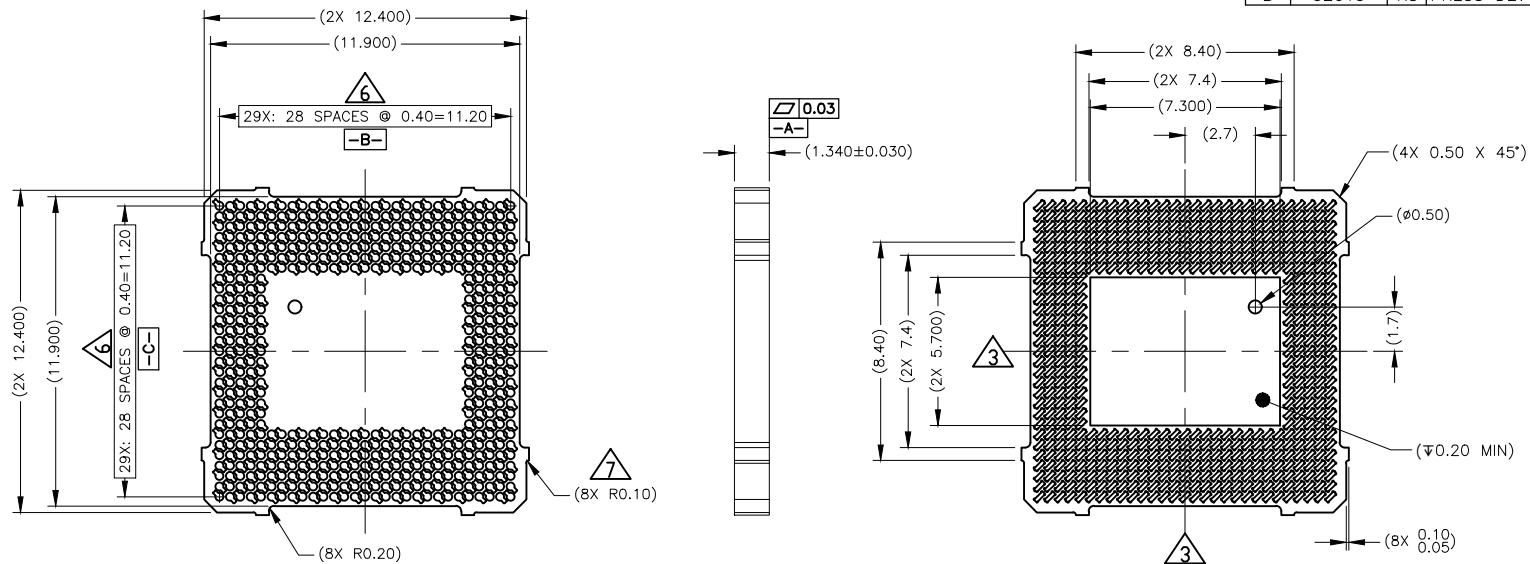


REV	ECO	BY	DESCRIPTION	APV	DATE
A	31891	RS	INITIAL DESIGN	NSJ	06/21/17
B	32015	RS	PRESS DEV WAS 103864-0144	NSJ	11/12/18



PART NUMBER	DESCRIPTION
109093-0001	SCKT, 556G40 12.4-0.40, P.O.P (EUTECTIC SOLDER BALLS)
109093-0002	SCKT, 556G40 12.4-0.40, P.O.P (SAC305 SOLDER BALLS)
109093-0003	SCKT, 556G40 12.4-0.40, P.O.P (WITHOUT SOLDER BALLS)
103864-0002	PRESS DEVICE INSERT, 12.0 X 12.0 (SOLD SEPARATELY)
104553-0470	STENCIL, FLEX, 556G40 12.4-0.40 (SOLD SEPARATELY)
105900-0004	EXTRACTION TOOL, 4 X 53 (SOLD SEPARATELY)
108639-0093	ALIGNMENT FRAME, GRY 12.4 X 12.4 (SOLD SEPARATELY)

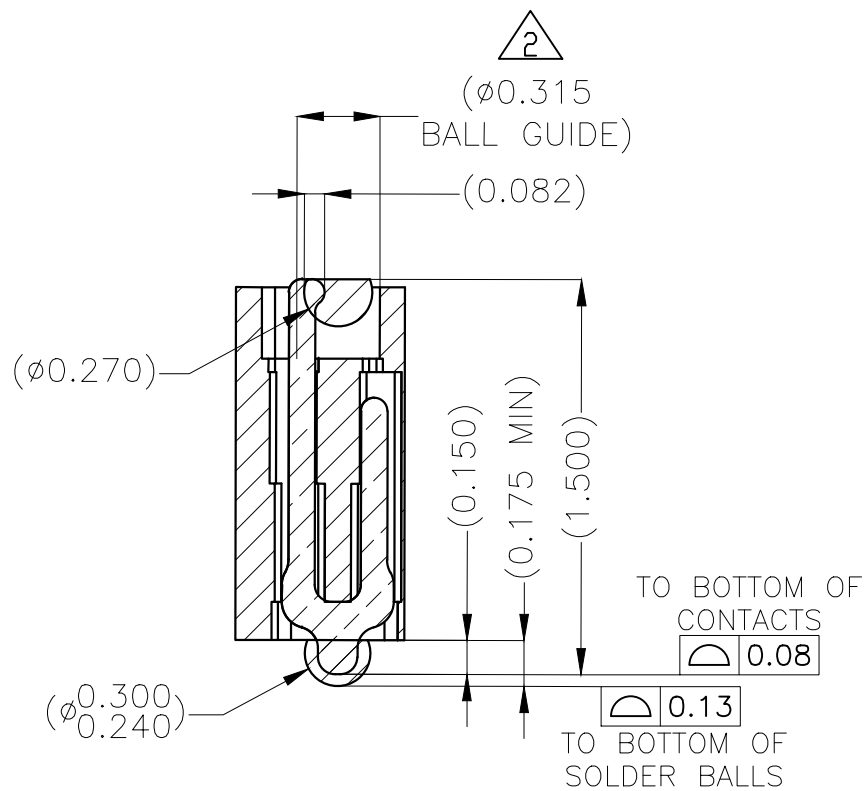
NOTES:

- 1 UNLESS OTHERWISE NOTED, ALL FEATURES LOCATED $\phi 0.10$ A B C
- 2 DATUM'S -B- AND -C- ARE DETERMINED BY $\phi 0.315$ FEATURES ON CORNER SLOTS.
- 3 CENTER OF CONTACT PATTERN.
- 4 REFERENCE HSIO TECHNOLOGIES SPECIFICATION 700001-0001 FOR SOLDER ATTACHMENT.
- 5 REFERENCE HSIO TECHNOLOGIES SPECIFICATION 700001-0002 FOR APPLICATION NOTES.
- 6 DIMENSION LOCATES CENTER OF CONTACT SLOT.
- 7 TOOLING MARKS PERMITTED. MAXIMUM 0.10 PROTRUSION SHOWN.

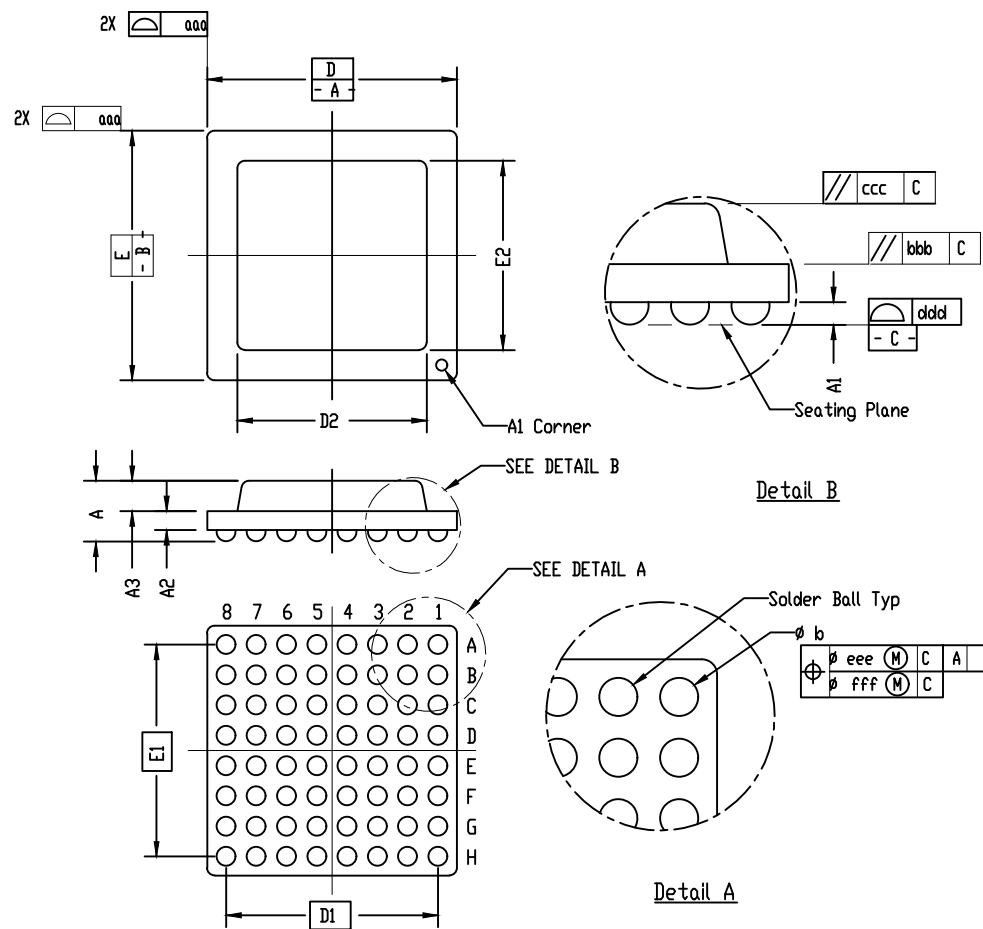
UNLESS OTHERWISE SPECIFIED - DIMENSIONS ARE IN MILLIMETERS - DIM'S APPLY AFTER PLATING		TOLERANCES UNLESS OTHERWISE NOTED:		THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF HSIO TECHNOLOGIES, LLC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF HSIO TECHNOLOGIES, LLC IS PROHIBITED.	
CAD GENERATED DRAWING DO NOT MANUALLY UPDATE		DRAWING APPROVALS		HSIO TECHNOLOGIES, LLC. 13400 68TH AVENUE NORTH MAPLE GROVE, MN 55311. 763-447-6260	
DRAWN: R. SEWHARACK		DATE: 06/21/17		TITLE: SCKT, 556G40 12.4-0.40, P.O.P	
APPROVED: N. ST JACQUE		DATE: 06/21/17		SCALE: 1:1	
LEGEND:		MATERIAL: CIRLEX		SHEET: 1 of 2	
(X) NOTE CALLOUT	(R) REVISION CHANGE	(X) ITEM NUMBER			

SOCKET FOR DEVICES THAT ARE WITHIN THESE SPECIFICATIONS					
Lead Count	N	556	Package Size	D	12.40
Columns	ND	29		E	12.40
Rows	NE	29	Ball Spacing	D1	11.200
Pitch	e	0.400		E1	11.200
Ball Size	b	0.25±0.05	Encapsulant/ Top Size	D2	N/A
Total Thickness	A	N/A		E2	N/A
Ball Height	A1	0.175 MIN	Pattern Style	PERIMETER	
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.



SECTION A-A
104468-0014



Generic Representation with Full Grid Array

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UNLESS OTHERWISE SPECIFIED - DIMENSIONS ARE IN MILLIMETERS - DIM'S APPLY AFTER PLATING		HSIO TECHNOLOGIES, LLC. 13400 68TH AVENUE NORTH MAPLE GROVE, MN 55311. 763-447-6260	
TOLERANCES UNLESS OTHERWISE NOTED: ANGLES DECIMALS ±1° XX ±0.25 XXX ±0.10 XXXX ±0.050		TITLE SCKT, 556G40 12.4-0.40, P.O.P	
LEGEND: ① NOTE CALLOUT ② REVISION CHANGE ③ ITEM NUMBER	SCALE C	DRAWING NO. AUTOCAD 109093-XXXX	REV. B
SCALE NATURAL		SHEET 2 of 2	

See Pg 1