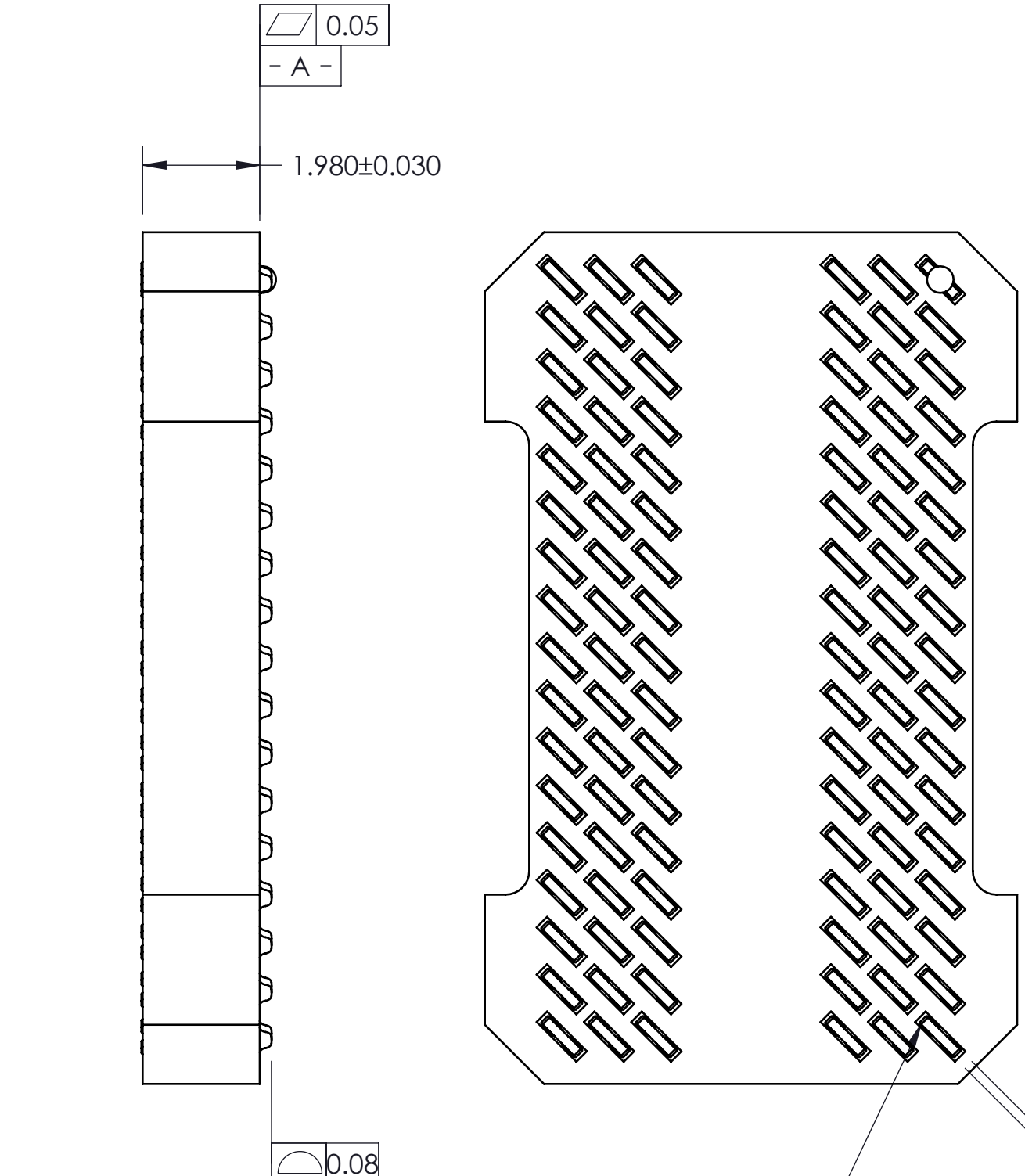
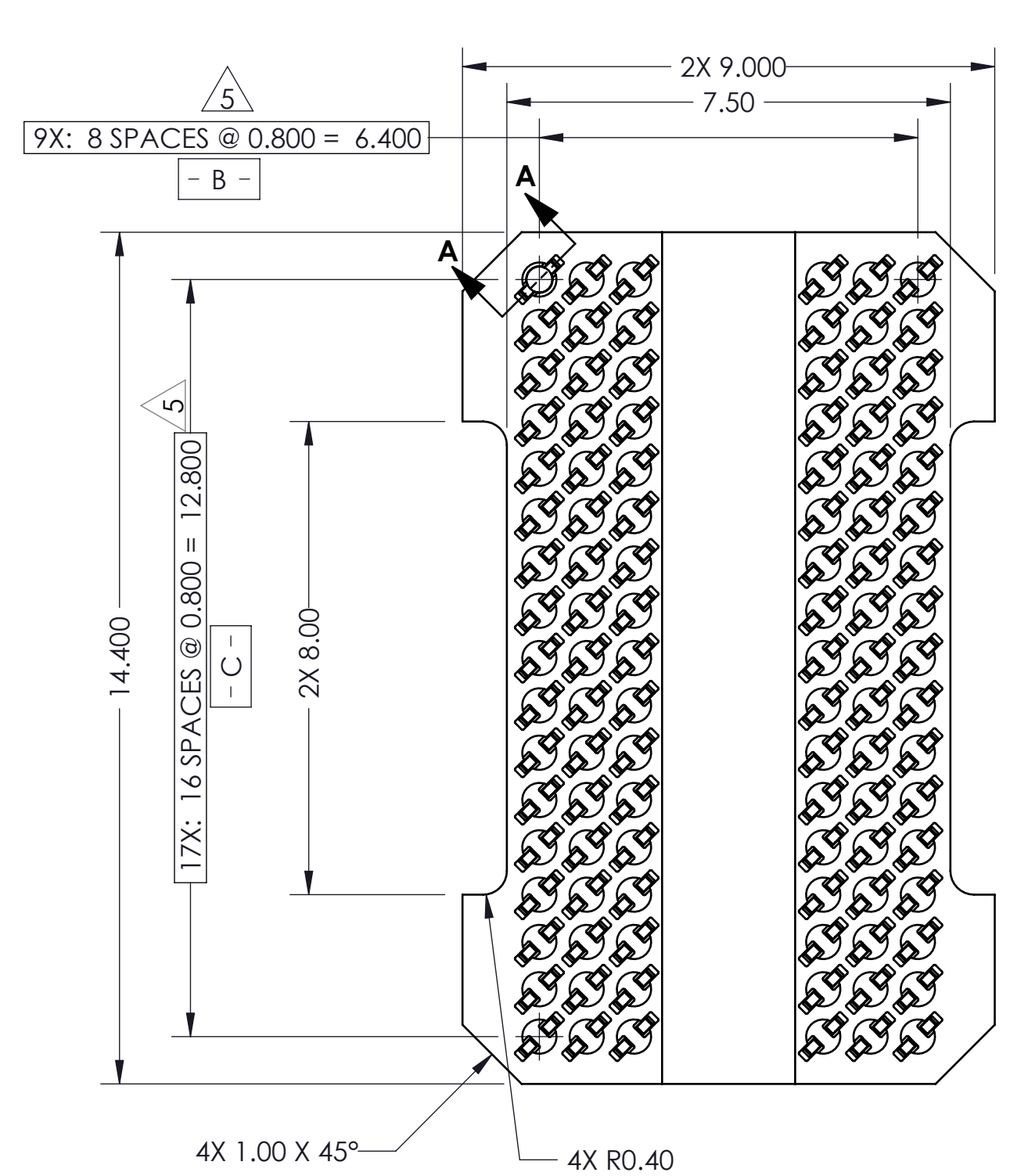
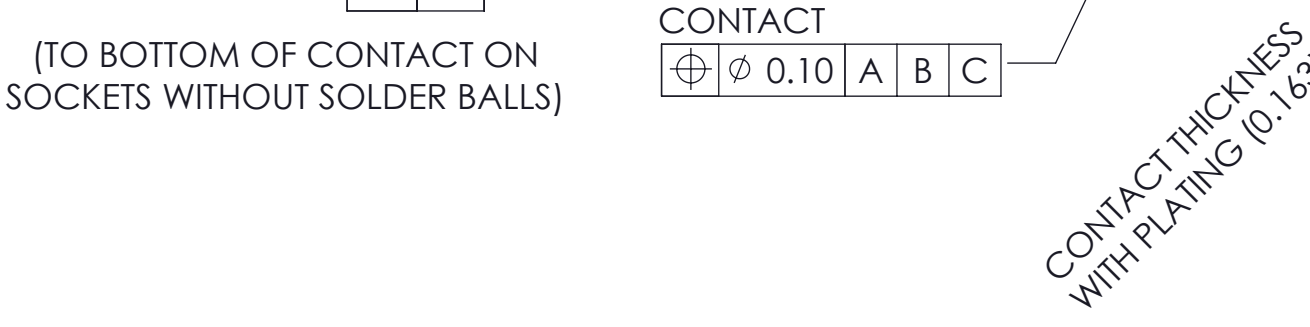


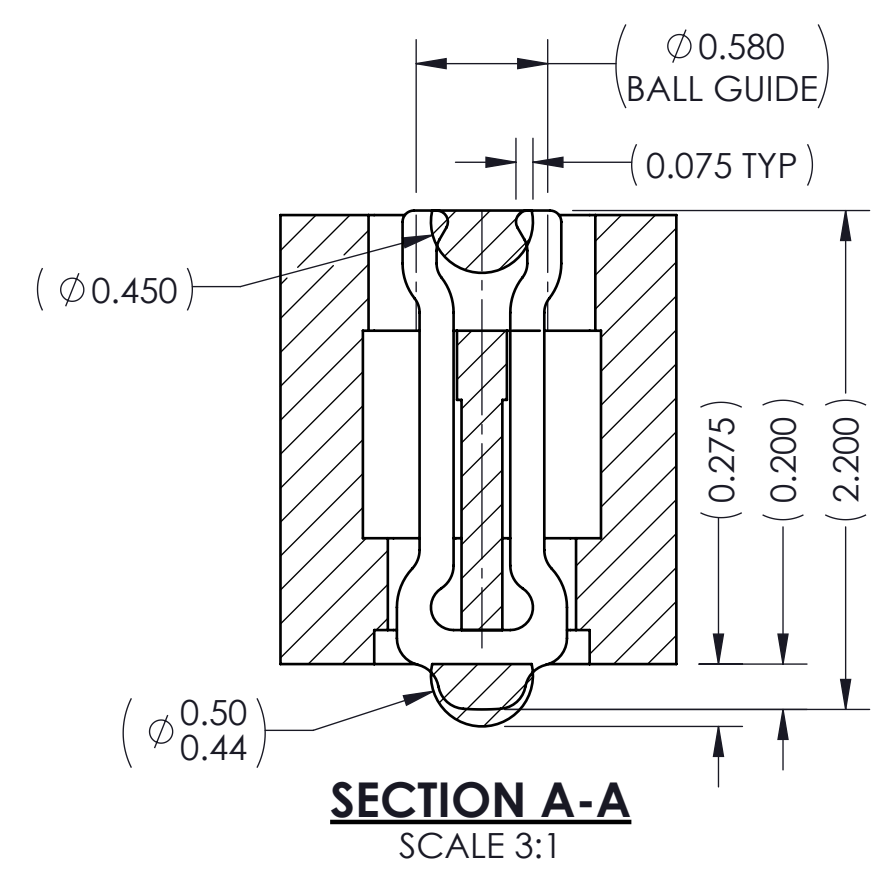
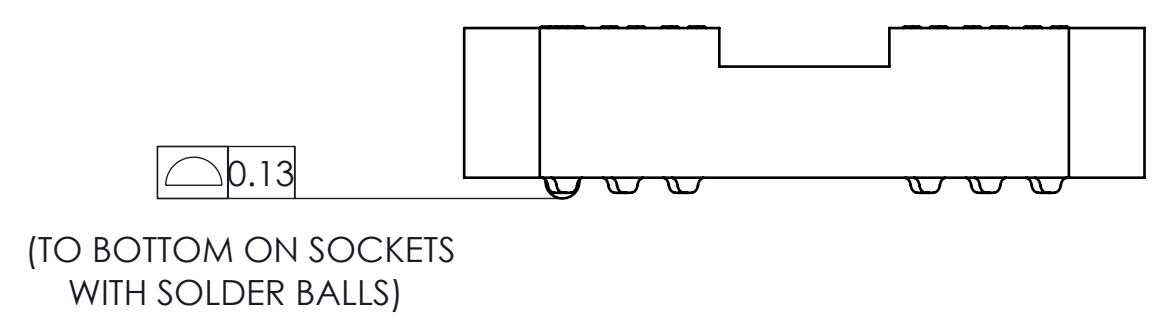
REV	ECO	BY	DESCRIPTION	APV	DATE
A	5362	DJP	Initial Design	JJB	02/28/20



- NOTES:
- UNLESS OTHERWISE NOTED, ALL FEATURES LOCATED $\oplus 0.10$ A B C
 - DATUM'S $- B -$ AND $- C -$ ARE DETERMINED BY $\phi 0.580$ FEATURES ON CORNER SLOTS.
 - REFERENCE HSIO TECHNOLOGIES SPECIFICATION 700001-0001 FOR SOLDER ATTACHMENT.
 - REFERENCE HSIO TECHNOLOGIES SPECIFICATION 700001-0002 FOR APPLICATION NOTES.
 - ALL CONTACTS/SOLDER BALLS ARE NOT SHOWN TO MINIMIZE FILE SIZE.
 - DIMENSION LOCATES CENTER OF CONTACT/SLOT.



PARTS LIST	
Part Number	Description
GR1027-0001	SCKT, 102GRY9X14.4-0.80 (EUTECTIC SOLDER BALL)
GR1027-0002	SCKT, 102GRY9X14.4-0.80 (SAC305 SOLDER BALL)
GR1027-0003	SCKT, 102GRY9X14.4-0.80 (WITHOUT SOLDER BALL)
103864-0133	PRESS, DEV INS, 9X14.4 (SOLD SEPARATELY)
104553-0216	STEN,FLEX, 102GRY9X14.4-0.80 (SOLD SEPARATELY)
105900-0004	EXTRACTION TOOL, 4 X 53 (SOLD SEPARATELY)



UNLESS OTHERWISE SPECIFIED - DIMENSIONS ARE IN MILLIMETERS - DIMS APPLY AFTER PLATING - TOLERANCES UNLESS OTHERWISE NOTED:

ANGLES ±1° DECIMALS
X.X ±0.25
X.XX ±0.10
X.XXX ±0.050

LEGEND:
X NOTE CALLOUT
A REVISION CHANGE
X ITEM NUMBER

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CAD GENERATED DRAWING
DO NOT MANUALLY UPDATE

DRAWING APPROVALS

NAME	DATE
DJP	02/27/2020
JJB	02/28/20

IRONWOOD ELECTRONICS, INC.
1335 EAGANDALE COURT
EAGAN, MINNESOTA 55121
952-229-8200

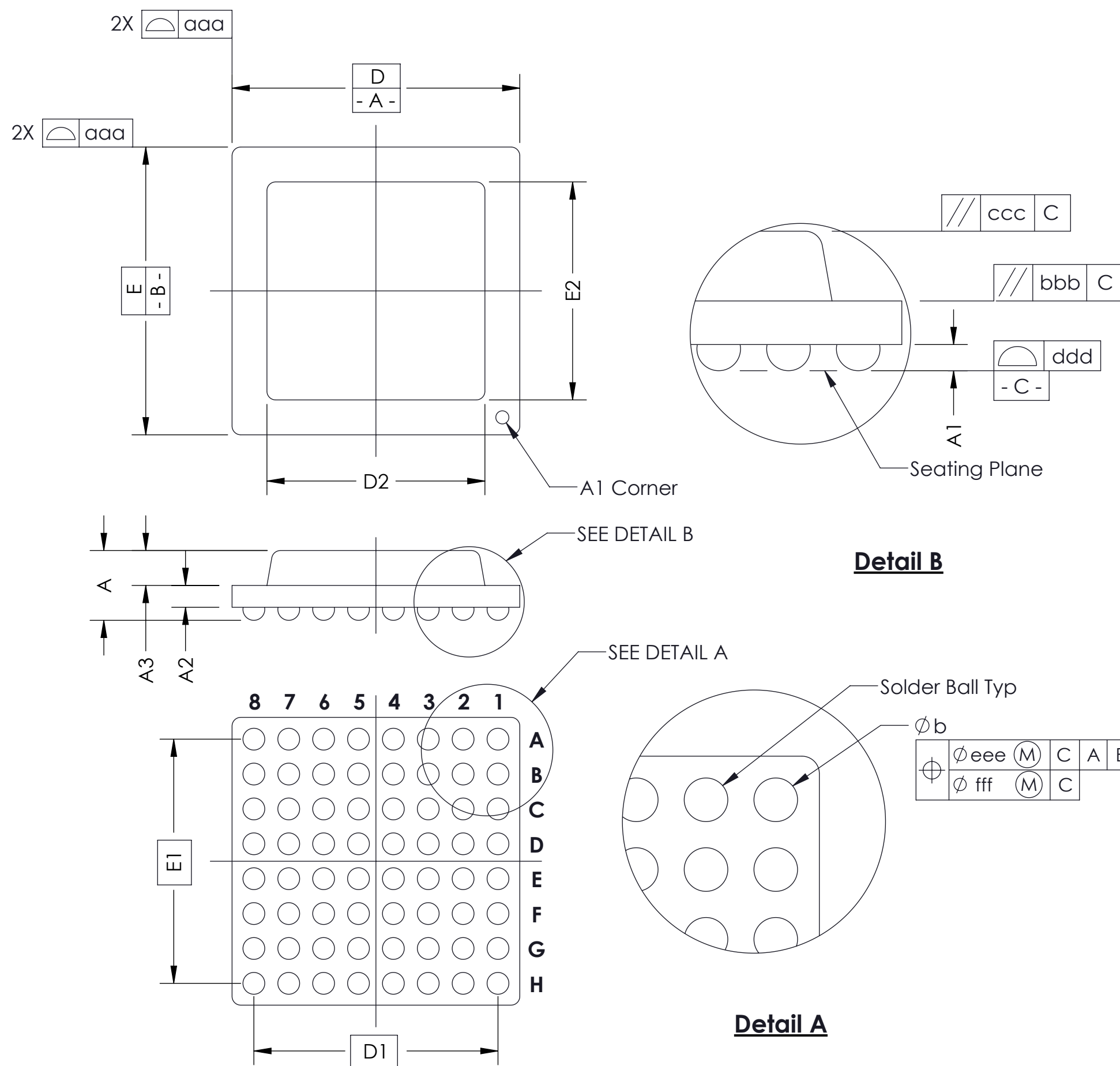
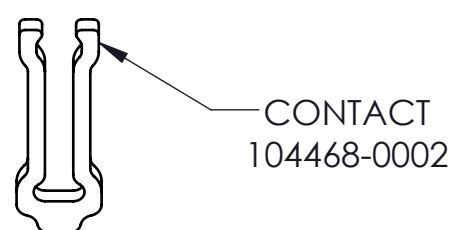
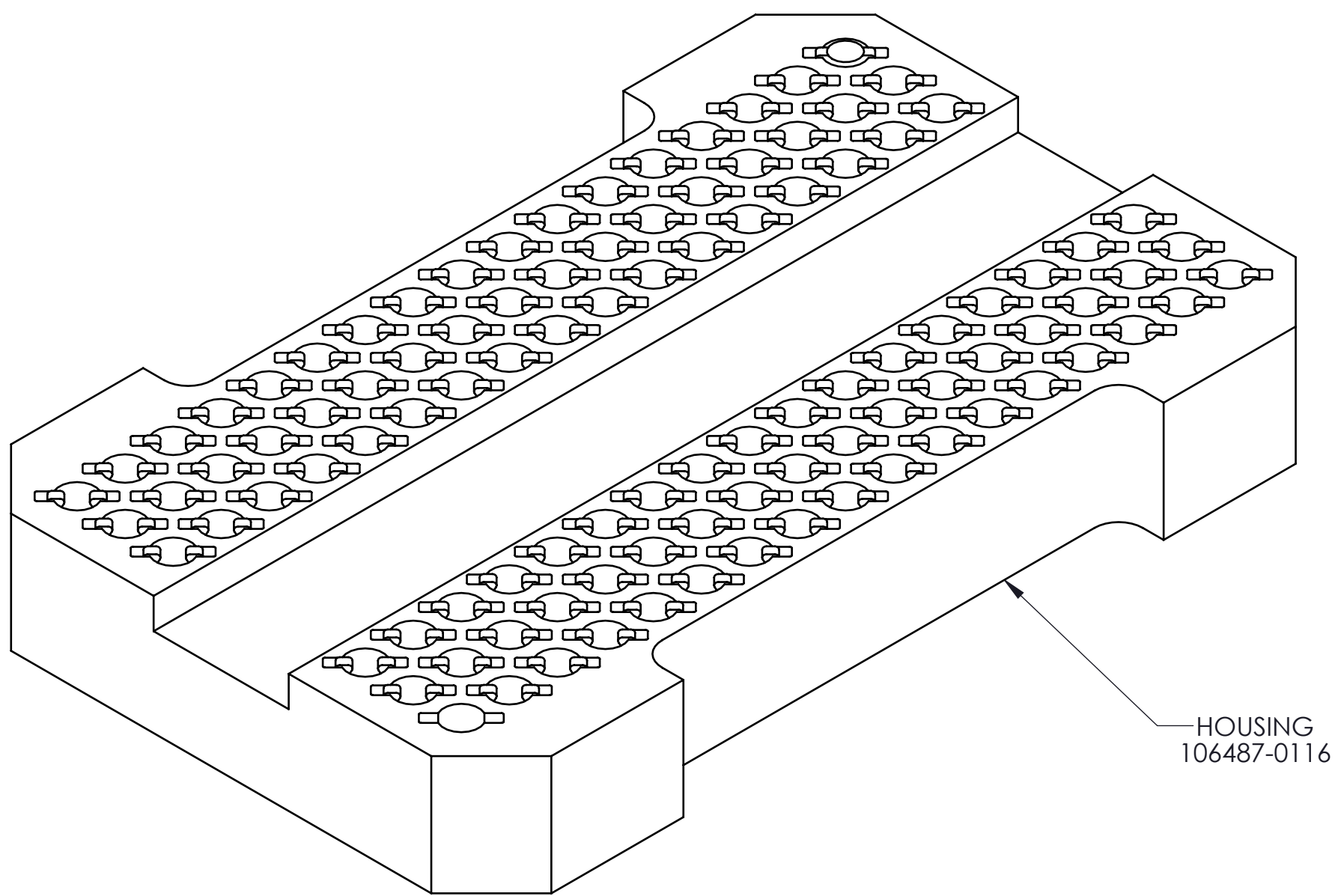
SCKT, 102GRY9X14.4-0.80

THIRD ANGLE PROJECTION

SIZE	CAD FORMAT	DRAWING NO.	REV.
A	SOLIDWORKS	GR1027-XXXX	A
SCALE	MATERIAL	SEE BOM	SHEET
			1 of 2

SOCKET FOR DEVICES THAT ARE WITHIN THESE SPECIFICATIONS					
Lead Count	N	102	Package Size	D	9.00
Columns	ND	9	Ball Spacing	E	14.40
Rows	NE	17	Encapsulant/Top Size	D1	6.40
Pitch	e	0.80	Encapsulant/Bottom Size	E1	12.80
Ball Size	b	0.45±0.05	Perimeter Rows	D2	N/A
Total Thickness	A	N/A	Center Array	E2	N/A
Ball Height	A1	0.275 Min	Pattern Style	IRREGULAR*	
Substrate Thickness	A2	N/A	Perimeter Rows	N/A	
Top Thickness	A3		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.



Generic Representation with Full Grid Array

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<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>		IRONWOOD ELECTRONICS, INC. 1335 EAGANDALE COURT EAGAN, MINNESOTA 55121 952-229-8200	
TITLE: SCKT, 102GRY9X14.4-0.80			
<small>LEGEND:</small> NOTE CALLOUT REVISION CHANGE ITEM NUMBER	<small>SIZE</small> A <small>CAD FORMAT</small> SOLIDWORKS <small>SCALE</small>	<small>DRAWING NO.</small> GR1027-XXXX <small>REV.</small> A <small>MATERIAL</small> See Page 1	<small>SHEET</small> 2 of 2