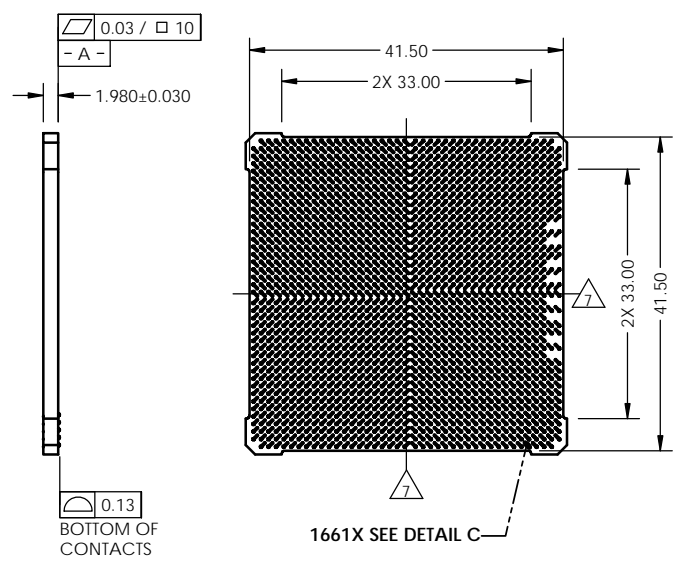
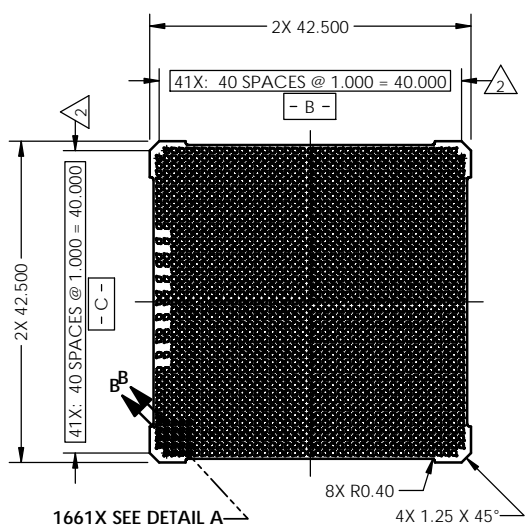
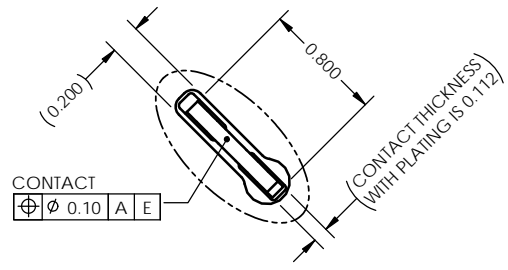
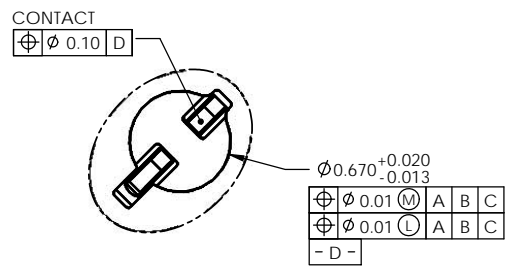


REV	ECO	BY	DESCRIPTION	APV	DATE
A	31149	SK	Initial Design	KW	07/23/12



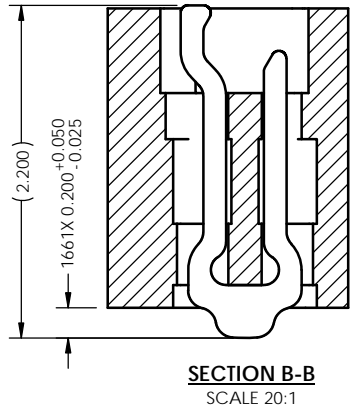
- Notes:
- Footprint part number is 104311-0332.
 - Dimension locates center of slot/contact.
 - Unless otherwise noted, all features located $\text{⌀} 0.10 \text{ A B C}$
 - Reference R & D Interconnect specification 103862-0001.
 - Press size is 42.5 x 42.5.
 - Datum - B - and - C - are determined by $\text{⌀} 0.670$ opening in corner slots.
 - $\text{⌀} \text{- E -}$ center of contact pattern.
 - Reference R & D Interconnect specification 103863-0001 for application notes.
 - Not all contacts are shown.




PARTS LIST		
PART NUMBER	QTY	DESCRIPTION
106652-0022	-	SCKT, 1661G8042.5-1.00
106651-0022	1	CS, 1661G8042.5-1.00
103864-0018	1	PRESS, DEV, 42.5 (SOLD SEPARATELY)
104553-0255	1	STENCIL, 1661G8042.5-1.00 (SOLD SEPARATELY)

DETAIL A (1661X)
SCALE 20:1

DETAIL C (2116X)
SCALE 20:1

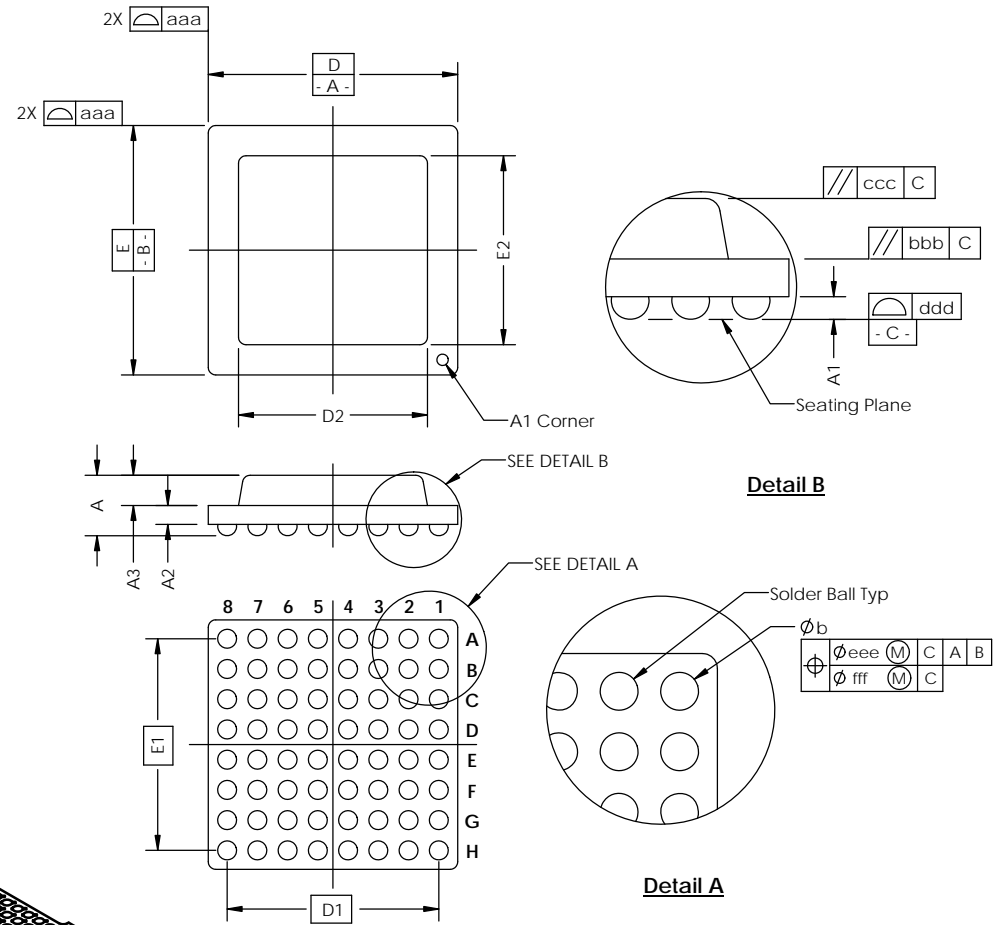
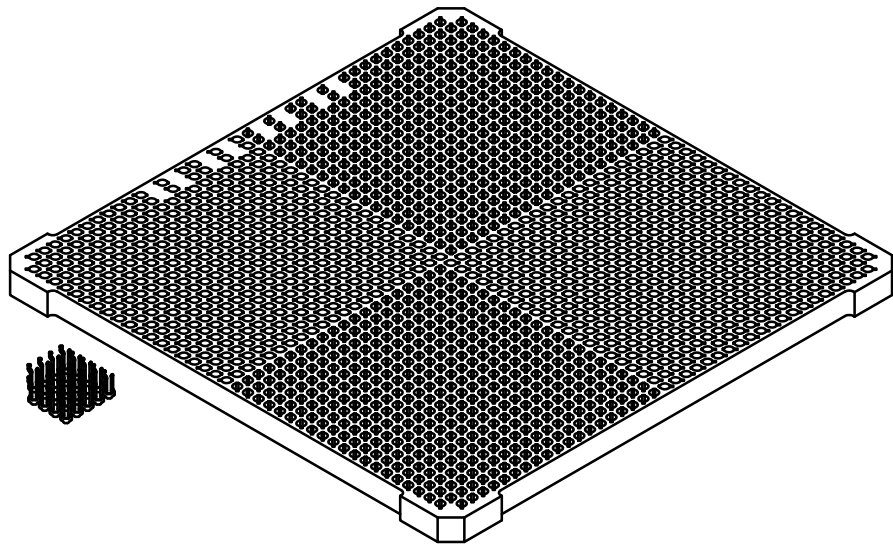


SECTION B-B
SCALE 20:1

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS DIMS APPLY AFTER PLATING TOLERANCES UNLESS OTHERWISE NOTED		THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CASCADE MICROTECH, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF CASCADE MICROTECH, INC. IS PROHIBITED.	
CAD GENERATED DRAWING DO NOT MANUALLY UPDATE		 7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066	
DRAWING APPROVALS		SCKT, 1661G8042.5-1.0	
DESIGN: S. Klanderud	DATE: 07/23/12	DRAWING NO: 106652-0022	
APPV: K. Wilson	DATE: 07/23/12	SHEET: A	
THIRD ANGLE PROJECTION		SCALE: SEE BOM	DATE: 07/23/12

SOCKET FOR DEVICES THAT ARE WITHIN THESE SPECIFICATIONS					
Lead Count	N	1661	Package Size	D	42.50
Columns	ND	41		E	42.50
Rows	NE	41	Ball Spacing	D1	40.000
Pitch	e	1.00		E1	40.000
Ball Size	b	0.60±0.05	Encapsulant/ Top Size	D2	N/A
Total Thickness	A	N/A		E2	N/A
Ball Height	A1	0.375 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 for pattern details.



Generic Representation with Full Grid Array

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UNLESS OTHERWISE SPECIFIED - DIMENSIONS ARE IN MILLIMETERS - DIMS APPLY AFTER PLATING TOLERANCES UNLESS OTHERWISE NOTED:		7115 NORTHLAND TERRACE, SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066	
ANGLES ±1°	DECIMALS X.X ±0.25 X.XX ±0.10 X.XXX ±0.050	SKT, 1661G8042.5-1.0	
LEGEND: X NOTE CALLOUT A REVISION CHANGE X ITEM NUMBER	SCALE C	DRAWING NO. SOLIDWORKS 106652-0022	REV. A
		SEE PAGE See Page 1	SHEET 2 of 2