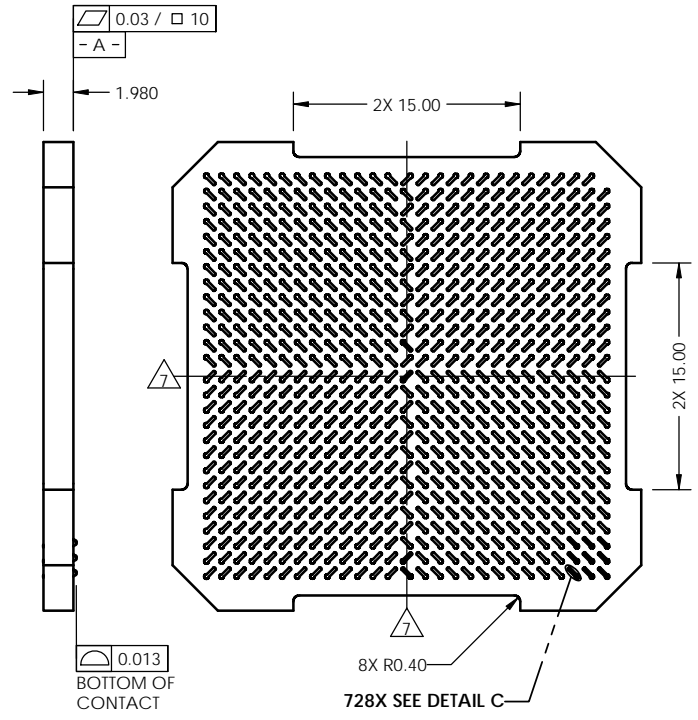
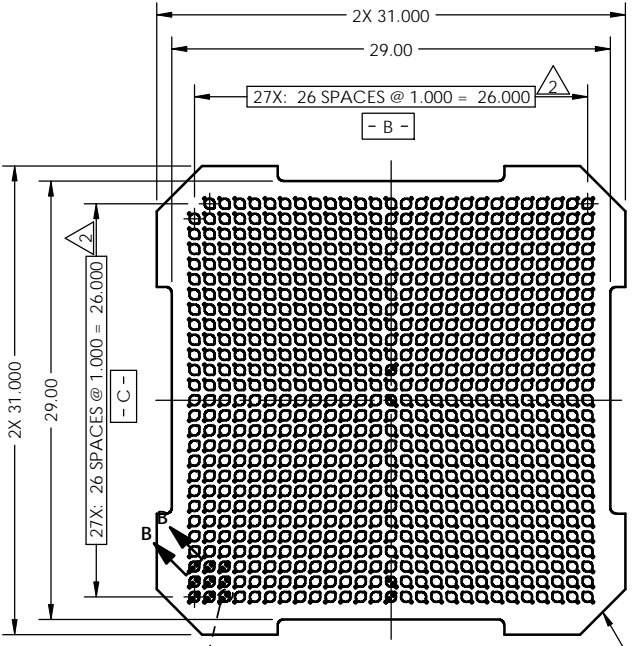
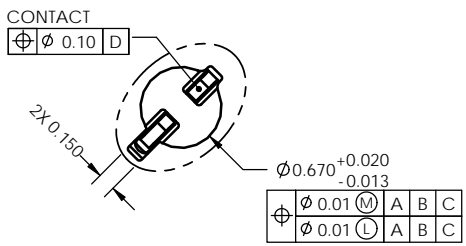


REV	ECO	BY	DESCRIPTION	APV	DATE
A	30636	AS	Initial Design	MP	11/30/10

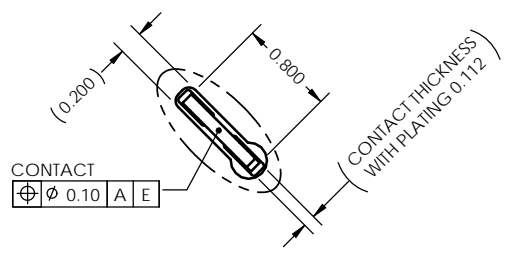


Notes:

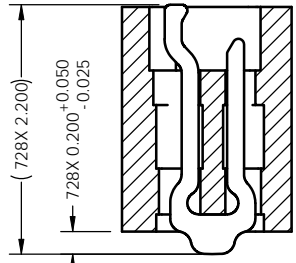
- Footprint part number is 104311-0259.
- Dimension locates center of slot/contact.
- Unless otherwise noted, all features located $\oplus 0.10$ A B C
- Reference Cascade Microtech specification 103862-0001.
- Press size is 31.0 x 31.0.
- Datum -B- and -C- are determined by $\phi 0.670$ opening in corner slots.
- E- center of contact pattern.
- Reference Cascade Microtech specification 103863-0001 for application notes.



DETAIL A (728X)
SCALE 8:1



DETAIL C (728X)
SCALE 8:1



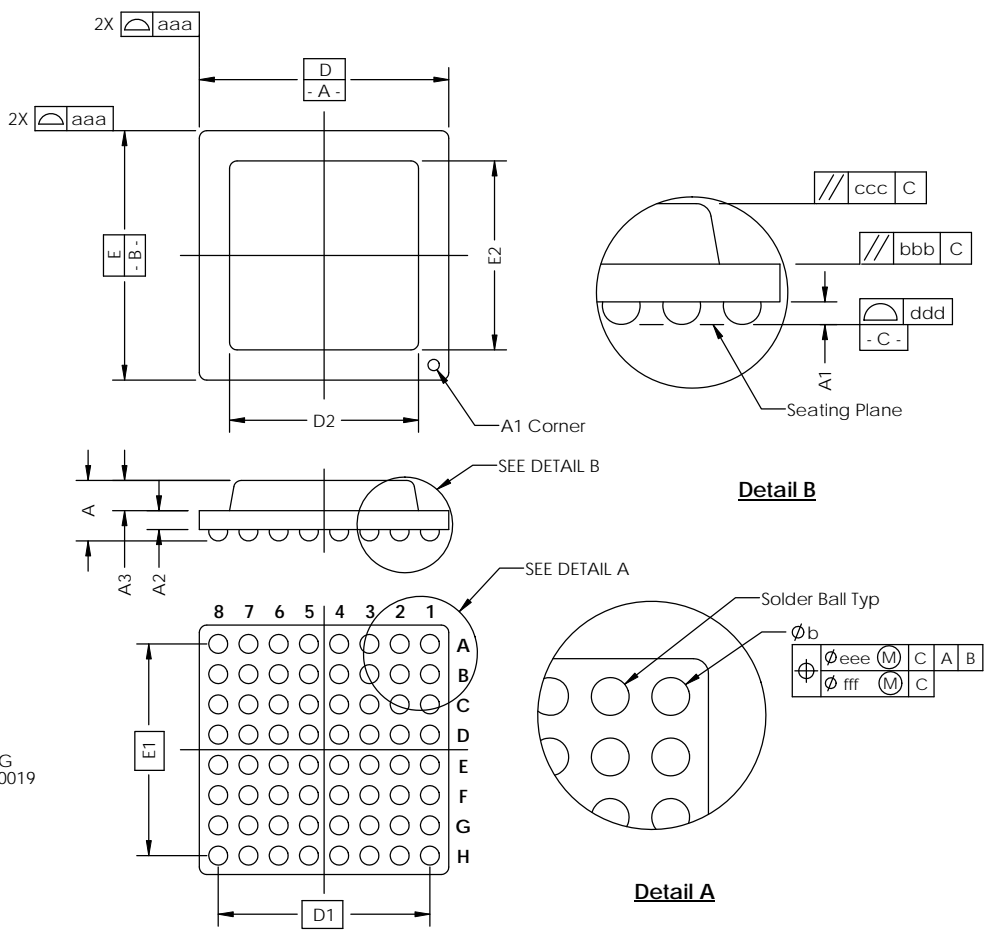
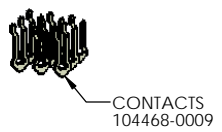
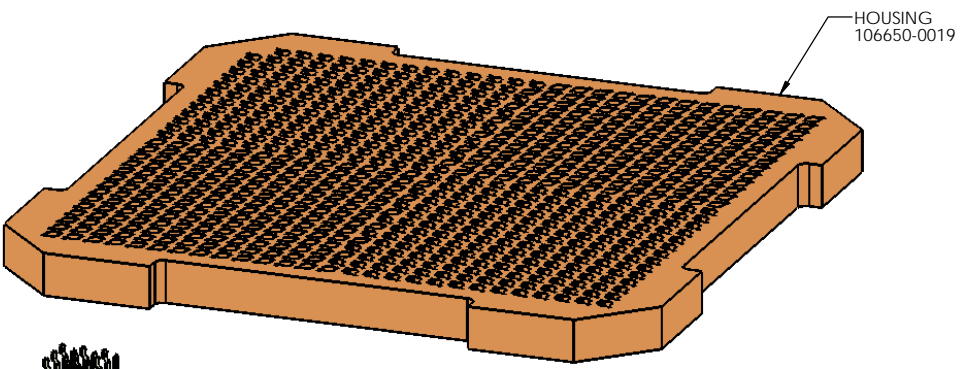
SECTION B-B
SCALE 6:1

PARTS LIST		
PART NUMBER	QTY	DESCRIPTION
106652-0019	-	SCKT, 728G8031-1.00
106651-0019	1	CS, 728G8031-1.00
103864-0013	1	PRESS, DEV, 31.0 (SOLD SEPARATELY)
104553-0197	1	STENCIL, 728G8031-1.00 (SOLD SEPARATELY)

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS DIM'S APPLY AFTER PLATING TOLERANCES UNLESS OTHERWISE NOTED: ANGLES ±1° DECIMALS XX ±0.25 XXX ±0.10 XXXX ±0.050		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		CASCAD MICROTECH	
NAME A. Seiberlich	DATE 11/30/10	SCKT, 728G8031-1.0	
NAME M. Peery	DATE 11/30/10		
THIRD ANGLE PROJECTION		SCALE C	QUANTITY SOLIDWORKS
LEGEND: NOTE CALLOUT REVISION CHANGE ITEM NUMBER		DRAWING NO. 106652-0019	SHEET A 1 of 2

SOCKET FOR DEVICES THAT ARE WITHIN THESE SPECIFICATIONS					
Lead Count	N	728	Package Size	D	31.00
Columns	ND	27	Ball Spacing	E	31.00
Rows	NE	27		D1	26.000
Pitch	e	1.00	Encapsulant/ Top Size	E1	26.000
Ball Size	b	0.60±0.05		D2	N/A
Total Thickness	A	N/A	Pattern Style	E2	N/A
Ball Height	A1	0.375 MIN		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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<small>UNLESS OTHERWISE SPECIFIED - DIMENSIONS ARE IN MILLIMETERS - DIMS APPLY AFTER PLATING - TOLERANCES UNLESS OTHERWISE NOTED: DECIMALS: X.X ±0.25 X.XX ±0.10 X.XXX ±0.050</small>		7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066	
SCKT, SOCKET, 8028G8031-1.0			
LEGEND: NOTE CALLOUT REVISION CHANGE ITEM NUMBER	<small>DATE FORNAT</small> C SOLIDWORKS	<small>DRAWING NO.</small> 106652-0019	<small>REV.</small> A
<small>SCALE</small> See Page 1		<small>SHEET</small> 2 of 2	