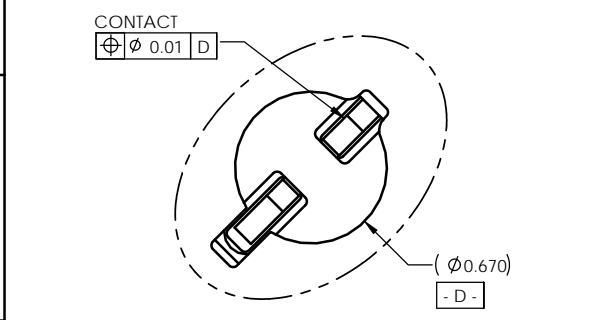
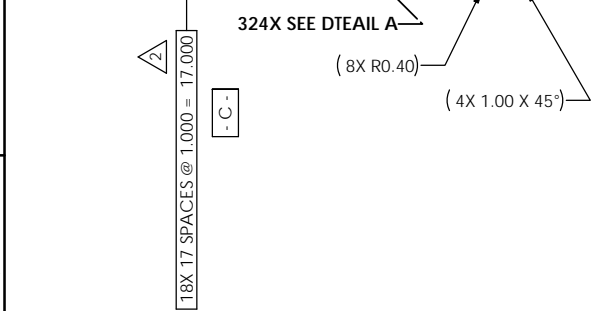
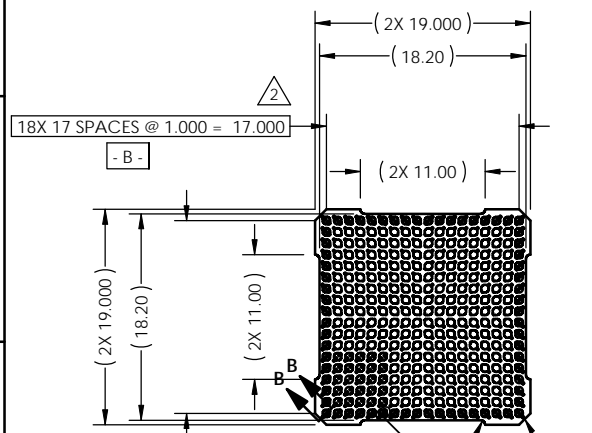
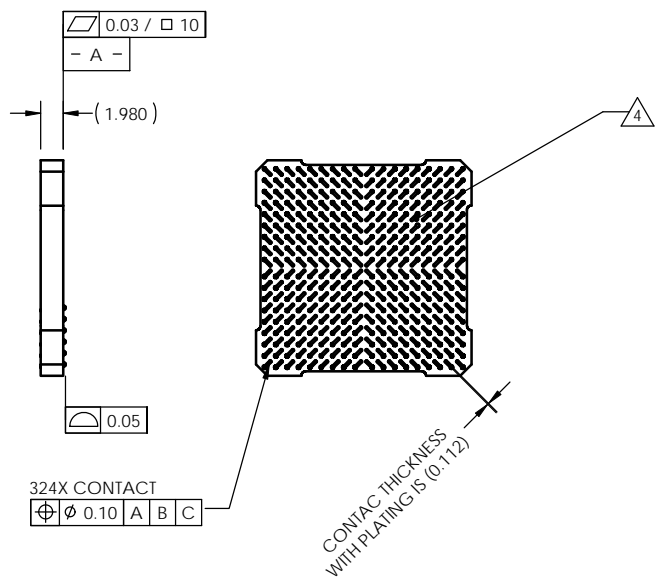


REV	ECO	BY	DESCRIPTION	APV	DATE
A	30123	EJT	Initial Design	MP	02/15/10

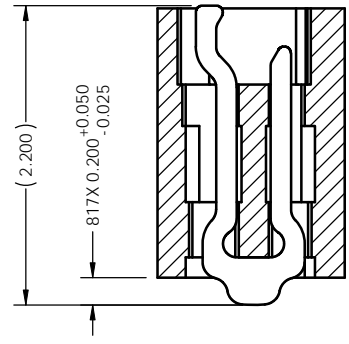


DETAIL A (324X)
Scale 20:1



324X CONTACT
 $\phi 0.10$ A B C

CONTACT THICKNESS
 WITH PLATING IS (0.112)



SECTION B-B

Scale 12:1

Notes:

- 1 Footprint part number is 104311-0201.
- 2 Dimension locates center of slot/contact.
- 3 Press size is 19.0 x 19.0.
- 4 Not all slots/contacts shown due to file size. See footprint for full pattern.

PARTS LIST		
PART NUMBER	QTY	DESCRIPTION
106652-0013	-	SCKT, 324G80 19-1.00
106651-0013	1	CS, 324G80 19-1.00
103864-00007	1	PRESS, DEV, 19 X 19 (SOLD SEPARATELY)
107030-0164	1	STENCIL, 324G80 19-1.00 (SOLD SEPARATELY)

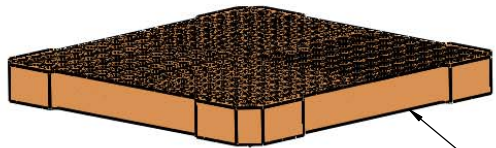
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS DIM'S APPLY AFTER PLATING TOLERANCES UNLESS OTHERWISE NOTED:		THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CASCADE MICROTECH, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF CASCADE MICROTECH, INC. IS PROHIBITED.	
DRAWING APPROVALS		7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066	
NAME	DATE	SCKT, 324G80 19-1.00	
E. Turin	02/15/10		
APPROV	DATE	CASCADIAN SOLIDWORKS 106652-0013	
M. Peery	02/15/10	SEE BOM	
THIRD ANGLE PROJECTION		SCALE	SHEET 1 of 2

LEGEND:

- NOTE CALLOUT
- REVISION CHANGE
- ITEM NUMBER

SOCKET FOR DEVICES THAT ARE WITHIN THESE SPECIFICATIONS					
Lead Count	N	324	Package Size	D	19.00
Columns	ND	18		E	19.00
Rows	NE	18	Ball Spacing	D1	17.000
Pitch	e	1.00		E1	17.000
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	Full*	
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

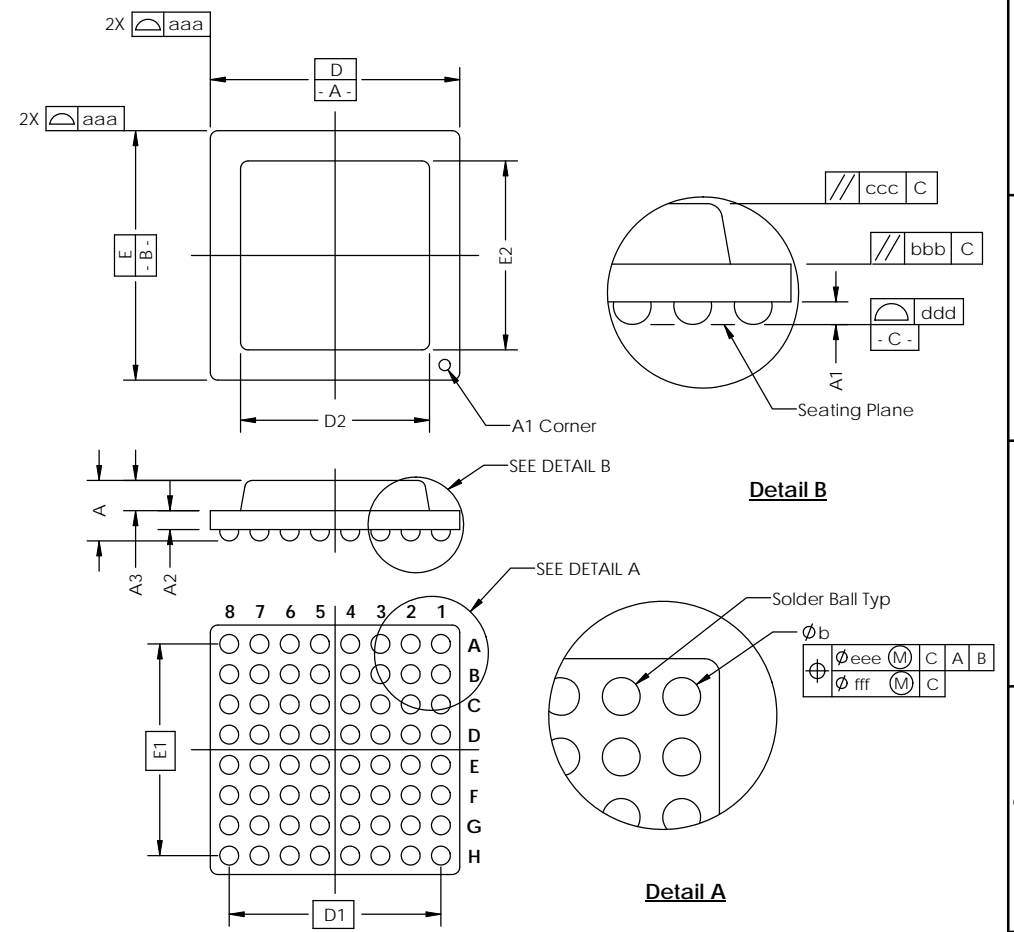
All dimensions are in millimeters.
* See footprint for pattern details.



HOUSING
106550-0013



CONTACTS
104468-0009



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:</small>	<small>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
SKCT, 324G80 19-1.00			
<small>LEGEND:</small> NOTE CALLOUT REVISION CHANGE ITEM NUMBER	<small>SCALE:</small> C CAD FORNAT S SOLIDWORKS <small>SCALE:</small> See Page 1	<small>DESIGN NO.:</small> 106652-0013	<small>REV.:</small> A <small>SHEET:</small> 2 of 2