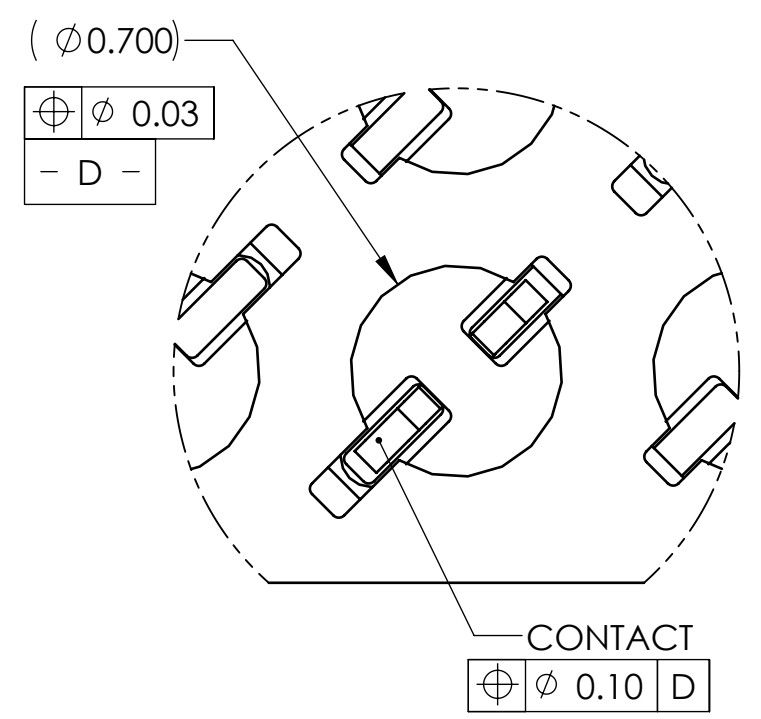


SECTION A-A
SCALE 10:1



DETAIL B
SCALE 10:1

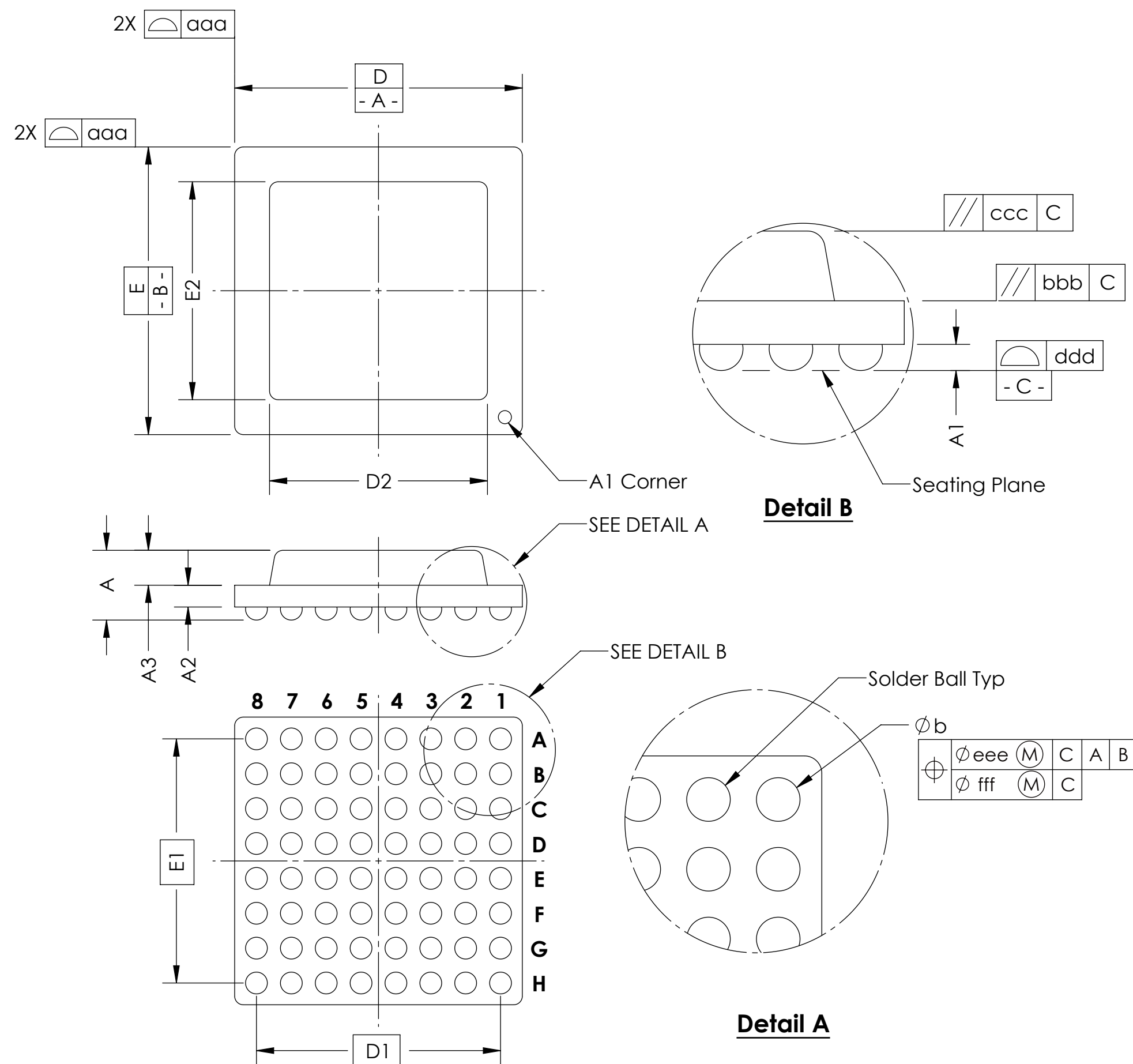
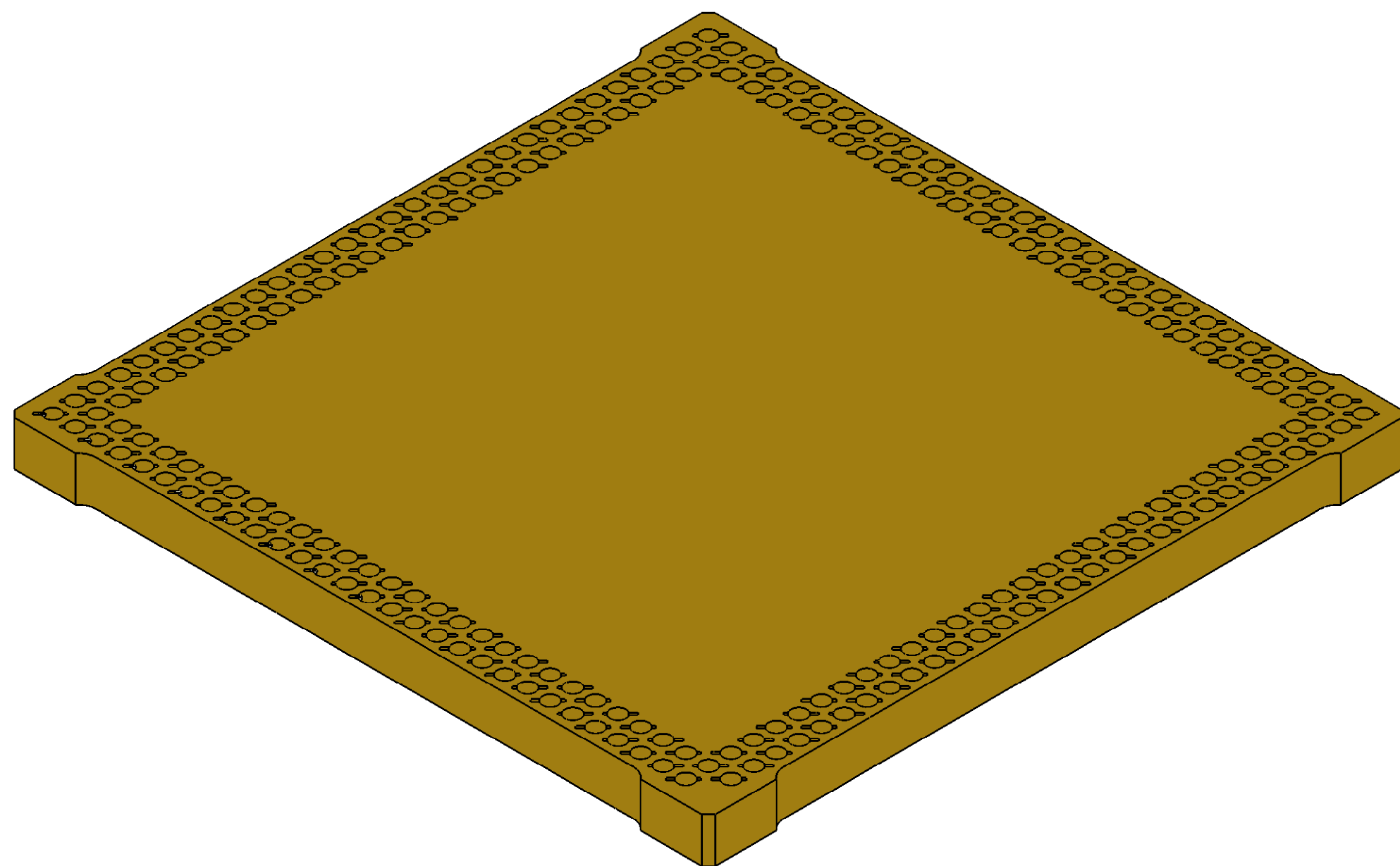
- Notes:
- Footprint part number is 104311-0120.
 - Dimension locates center of contact.
 - Press size: 31.0 X 31.0.
 - This area is fully populated with slots and contacts.
 - Corner pin position omitted.

01	AH	Changed slot orientation	MC	10/17/08
00	AH	Initial Design	MC	09/03/08
REV	ECO	BY	DESCRIPTION	APV DATE
GRYPHICS		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS		
DO NOT SCALE DRAWING		TOLERANCES UNLESS OTHERWISE NOTED: ANGLES $\pm 1^\circ$ X.X ± 0.25 X.XX ± 0.10 X.XXX ± 0.050		
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF GRYPHICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF GRYPHICS, INC. IS PROHIBITED				
DRAWN: A. Hawkins		CHECKED:		APPV'D: M. Cavegn
DATE: 9/3/08		DATE:		DATE: 9/3/08
TITLE				
CONN, 899GRYH31-1.00				
DWG. NO.		MATERIAL		REV.
106652-0001		SEE BOM		01
PAGE 1 OF 2				

SOCKET FOR DEVICES THAT ARE WITHIN THESE SPECIFICATIONS

Lead Count	N	899	Package Size	D	31.00
Columns	ND	30		E	31.00
Rows	NE	30	Ball Spacing	D1	31.00
Pitch	e	1.00		E1	31.00
Ball Size	b	0.60±0.05	Encapsulant/ Top Size	D2	n/a
Total Thickness	A	N/A		E2	n/a
Ball Height	A1	0.350 Min	Pattern Style	Full Grid*	
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

GRYPHICS

DO NOT SCALE DRAWING

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETERS

TOLERANCES UNLESS OTHERWISE NOTED:

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

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE
PROPERTY OF GRYPHICS, INC. ANY REPRODUCTION IN PART OR WHOLE
WITHOUT THE WRITTEN PERMISSION OF GRYPHICS, INC. IS PROHIBITED

TITLE

CONN, 899GRYH31-1.00

DWG. NO.

106652-0001

MATERIAL

See Page 1

REV.

01

PAGE 2 OF 2