

Notes:

- Footprint part number 104311-0106.
- Dimension 2 locates center of contact.
- Press size: 11.0 X 12.5

Parts List	
Part Number	Description
104670-0021	CONN, 90GRY8X13-0.80
104671-0020	CS, GRY908X13-0.80
103864-0058	PRESS, DEV INS, 8X13, GRY
104553-0109	STENCIL (SOLD SEPERATELY)

REV	ECO	BY	DESCRIPTION	APV	DATE
A		KP	Initial Design	MP	03/26/08

GRYPHICS

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

DO NOT SCALE DRAWING

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DRAWN: K. Pitney	CHECKED:	APPV'D: M. Peery
DATE: 03/26/08	DATE:	DATE: 03/26/08

TITLE

CONN, 90GRY8X13-0.80

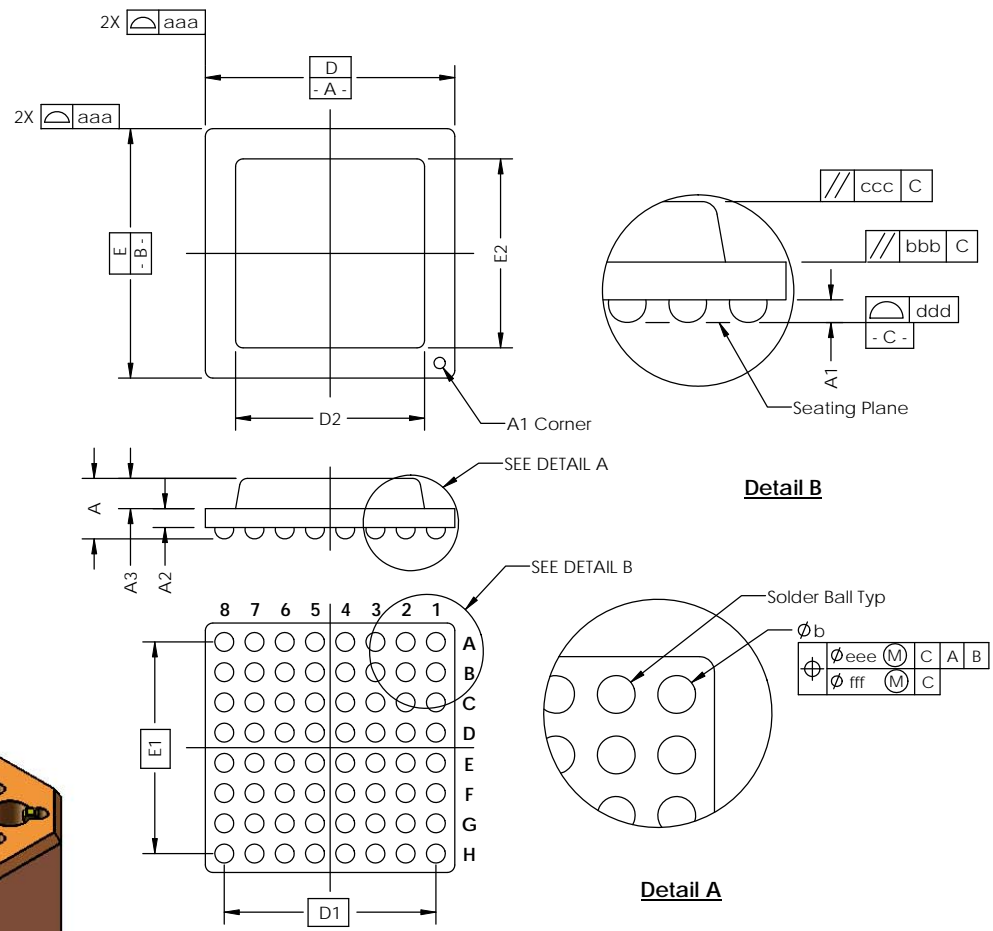
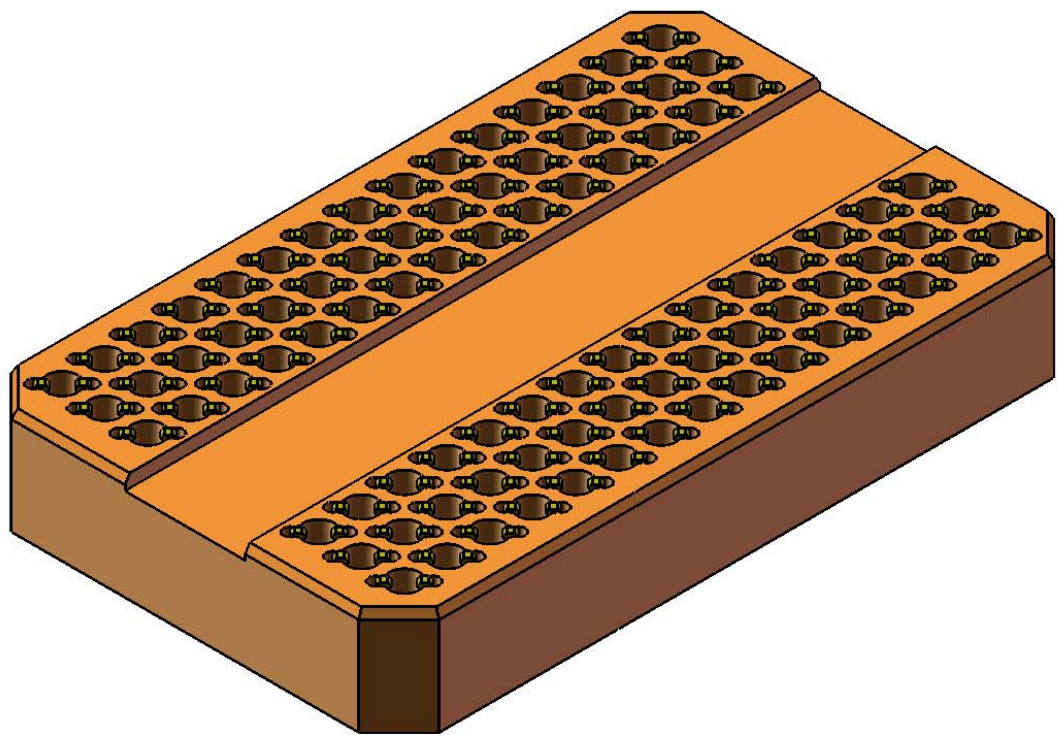
DWG. NO.	MATERIAL	REV.
104670-0021		A

PAGE 1 OF 2

Device Specification

Lead Count	N	90	Package Size	D	8.00
Columns	ND	9		E	13.00
Rows	NE	15	Ball Spacing	D1	6.40
Pitch	e	0.800		E1	11.20
Ball Size	b	0.50±0.05	Encapsulant/ Top Size	D2	n/a
Total Thickness	A	n/a		E2	n/a
Ball Height	A1	0.30 min	Pattern Style	Full Array	
Substrate Thickness	A2	n/a	Perimeter Rows	n/a	
Top Thickness	A3	n/a	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.



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DWG. NO.	MATERIAL	REV.
104670-0021	See Page 1	A

PAGE 2 OF 2