

REV	ECO	BY	DESCRIPTION	APV	DATE
A	---	AH	Initial Design	MC	09/25/09
B	---	AS	Correct CS P/N in parts list, Modified housing in CS	MC	11/10/09
C	30046	AS	Added 3 BG slots to HSG	MP	12/22/09
D	30964	SK	1) 0.300/0.240 was 0.280/0.220 2) Updated border/generic rep.	KW	12/05/11

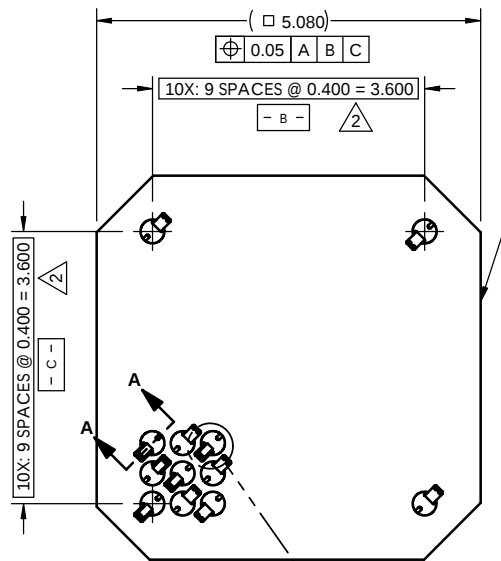
Notes:

1. Reference contact specification 106828-0002.
2. Dimension locates center of slot/contact.
3. Footprint part number 104311-0175.
4. Most slots not shown for file size.
5. Reference specification 103862-0001 for solder attachment.
6. Reference specification 103863-0002 for application notes.

PARTS LIST				
Item	Qty	Part Number	Description	
0	--	107140-0001	SOCKET, 97G40 05-0.40	
1	1	107141-0001	CS, 97G40 05-0.40	
2*	--	103864-0063	PRESS DEVICE, INSERT (SOLD SEPERATELY)	
3*	--	105900-0004	EXTRACTION TOOL, 4X53 (SOLD SEPERATELY)	
4*	--	106093-0018	FRAME, ALIGN, G40 05	

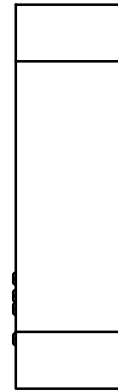
* Accessory item not shown - Contact your sales representative for quantities provided.

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 RAD INTERCONNECT SOLUTIONS. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF RAD INTERCONNECT SOLUTIONS IS PROHIBITED.	
		CAD GENERATED DRAWING DO NOT MANUALLY UPDATE	 7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066
DRAWING APPROVALS		NAME A. Hawkins	DATE 9/24/09
LEGEND:  NOTE CALLOUT  REVISION CHANGE  ITEM NUMBER		APPROV. M. Cavegn	DATE 9/24/09
THIRD ANGLE PROJECTION 		SCALE C	FOOTPRINT NO. SOLIDWORKS 107140-0001
		MATERIAL SEE BOM	SHEET D 1 of 2

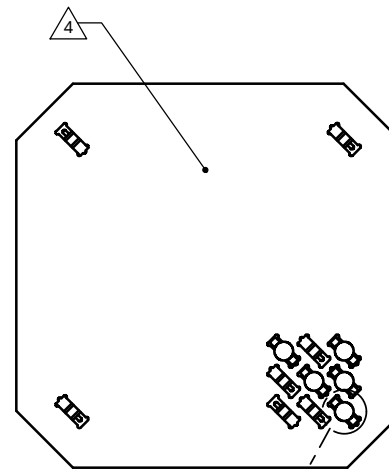


SOCKET TOP (DUT) VIEW

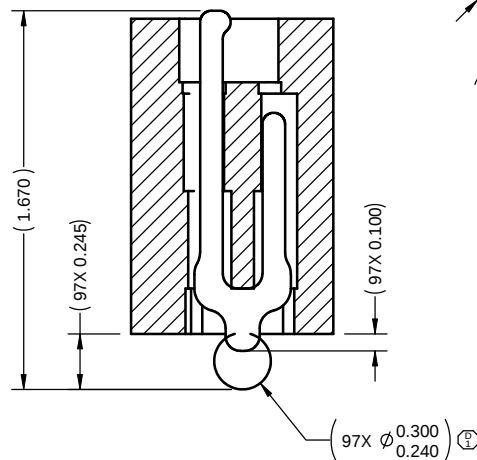
0.025 4X



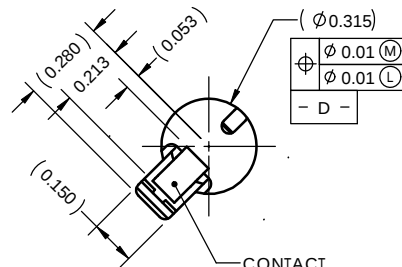
0.08
- A -



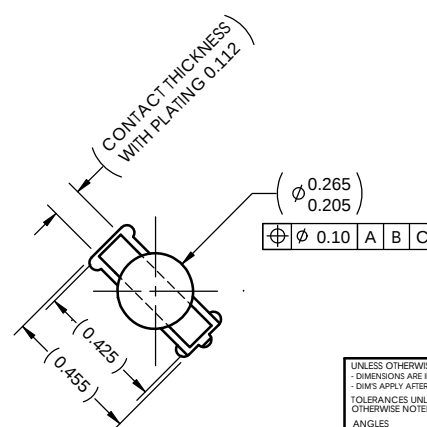
SOCKET BOTTOM (PWB) VIEW



SECTION A-A
SCALE 3:1

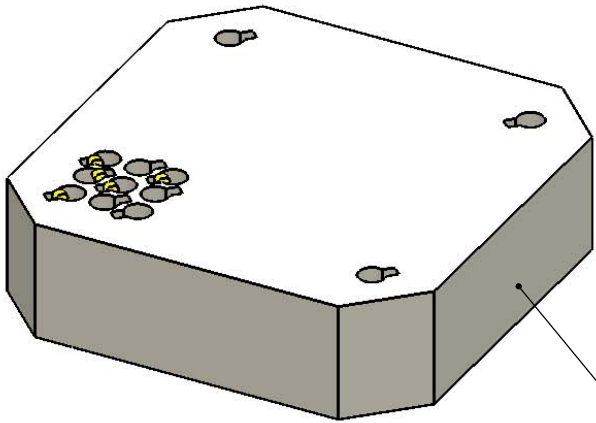


DETAIL B (97X)
SCALE 4:1

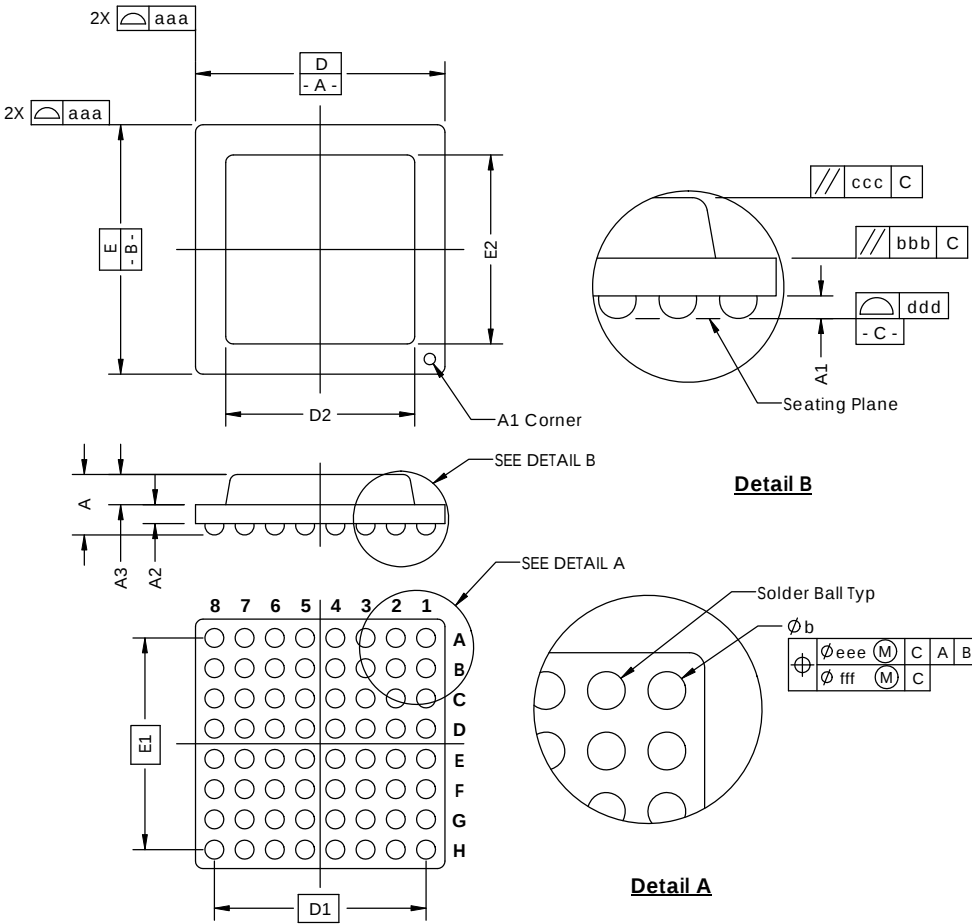


DETAIL C (97X)
SCALE 4:1

SOCKET FOR DEVICES THAT ARE WITHIN THESE SPECIFICATIONS					
Lead Count	N	97	Package Size	D	5.00
Columns	ND	10		E	5.00
Rows	NE	10	Ball Spacing	D1	3.600
Pitch	e	0.40		E1	3.600
Ball Size	b	0.25±0.05	Encapsulant/ Top Size	D2	n/a
Total Thickness	A	n/a		E2	n/a
Ball Height	A1	0.175 MIN	Pattern Style	Irregular *	
Substrate Thickness	A2	n/a	Perimeter Rows	n/a	
Top Thickness	A3		Center Array	n/a	
Form Tolerances					
Edge	aaa	0.10	Bottom	ddd	0.08
Substrate	bbb	0.10	Position	eee	0.10
top	ccc	0.10	Position	fff	0.05
All dimensions are in millimeters. * See footprint for pattern details.					



CONTACT SET



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:
DECIMALS X.X ±0.25
X.XX ±0.10
X.XXX ±0.050
ANGLES X° ±1°
X°XX ±0.50°

LEGEND:
X NOTE CALLOUT
A REVISION CHANGE
X ITEM NUMBER

7115 NORTHLAND TERRACE SUITE 400
BROOKLYN PARK, MN 55428
(763) 509-0066

SCKT, 97G40 05-0.40
W/SOLDER BALLS

SEE CAD FORMAT
C SOLIDWORKS

SCALE
1:1

DRAWING NO.
107140-0001

MATERIAL
See Page 1

SHEET
2 of 2