

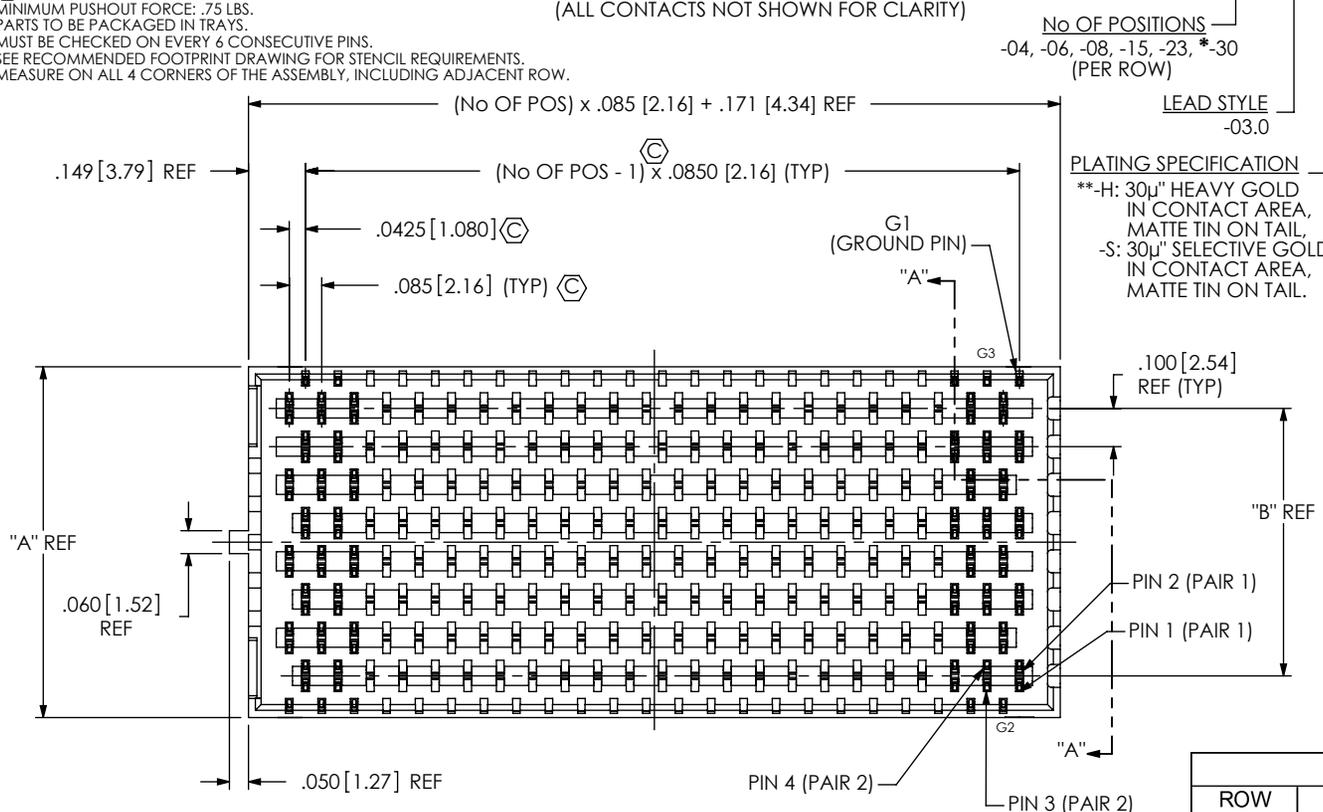
NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: .75 LBS.
3. PARTS TO BE PACKAGED IN TRAYS.
4. MUST BE CHECKED ON EVERY 6 CONSECUTIVE PINS.
5. SEE RECOMMENDED FOOTPRINT DRAWING FOR STENCIL REQUIREMENTS.
6. MEASURE ON ALL 4 CORNERS OF THE ASSEMBLY, INCLUDING ADJACENT ROW.

DO NOT SCALE FROM THIS PRINT

FIG 1
DPAF-23-03.0-X-8-1 SHOWN
(ALL CONTACTS NOT SHOWN FOR CLARITY)

DPAF-XX-03.0-X-X-X-XX



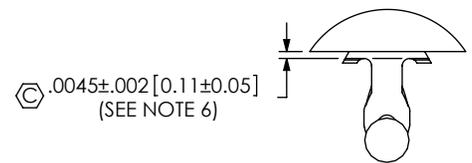
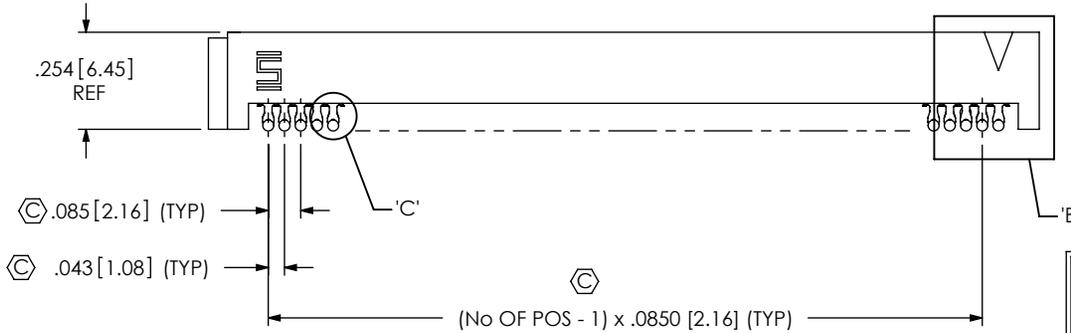
- LEAD STYLE**
-03.0
- PLATING SPECIFICATION**
**H: 30μ" HEAVY GOLD IN CONTACT AREA, MATTE TIN ON TAIL,
-S: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
- OPTION**
-A: ALIGNMENT PIN (SEE FIG 2, SHT 3)
-K: KAPTON PAD (SEE FIG 3, SHT 3)
-TR: TAPE & REEL
- SOLDER CRIMP MATERIAL** Ⓢ
-1: 63% TIN / 37% LEAD (USE SUB-C-191-03.0-S-1)
-2: 96.5% TIN / 3% SILVER / .5% COPPER (USE SUB-C-191-03.0-S-2)
- ROW**
-8: 8 DIFFERENTIAL PAIR ROWS
-3: 3 DIFFERENTIAL PAIR ROWS
- * = NOT RELEASED FOR PRODUCTION
** = FOR EXISTING CUSTOMERS ONLY

TABLE 1 - ARRAY SIZE TABLE

SIZE	DIFFERENTIAL PAIRS PER ARRAY	
	3 ROW	8 ROW
-04	6 PAIRS	16 PAIRS
-06	12 PAIRS	32 PAIRS
-08	18 PAIRS	48 PAIRS
-15	39 PAIRS	104 PAIRS
-23	63 PAIRS	168 PAIRS
-30	84 PAIRS	N/A

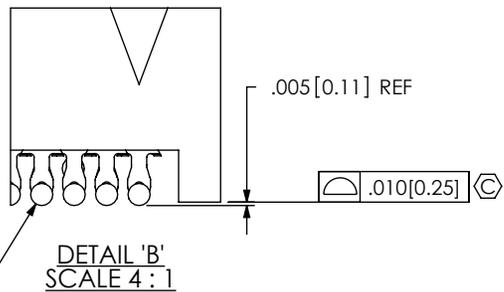
TABLE 2

ROW	"A"	"B"	"C"
-8	.918[23.32]	.700[17.78]	.209[5.31]
-3	.418[10.62]	.200[5.08]	.096[2.44]

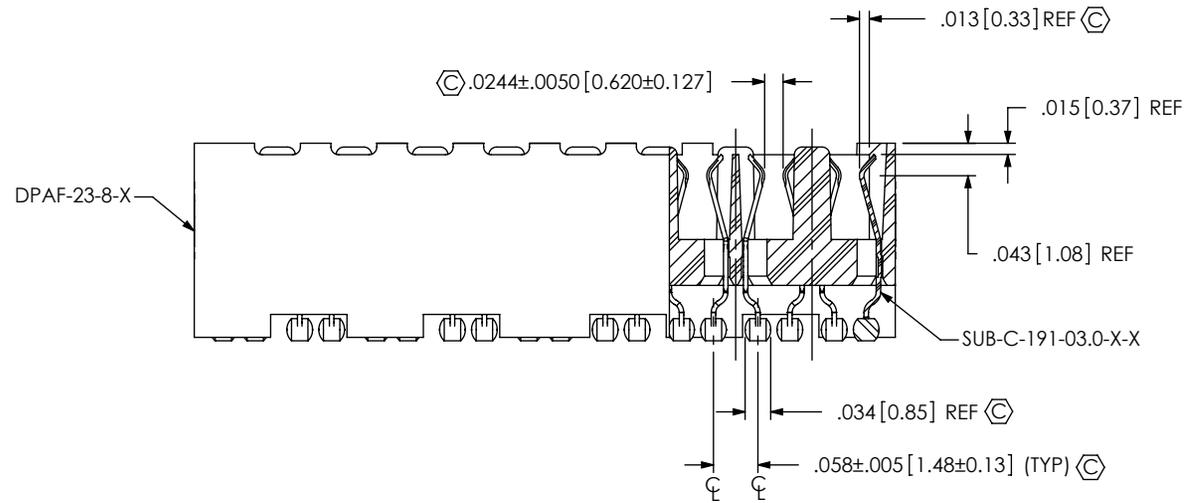


PATENT NUMBERS
6979238 / 7137832
6969286 / 7178232
7159312 / 7172438
7052337 / 7125293

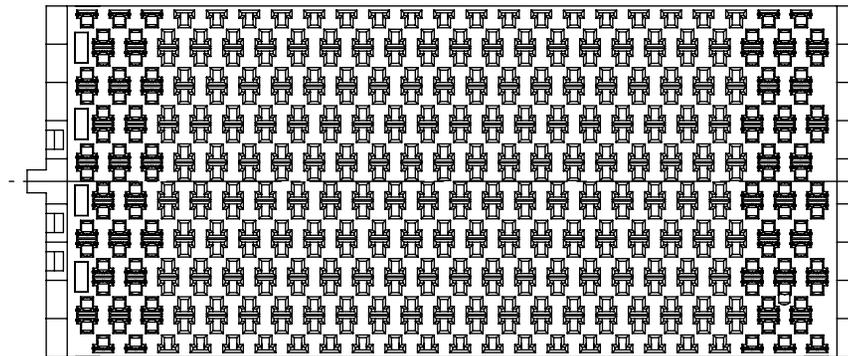
DETAIL 'C'
SCALE 8 : 1
(ALL CONTACTS NOT SHOWN FOR CLARITY)



CPC THIS SHEET C1, C2, C3, C4, C5, C6, C8, C9, C14	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS ANGLES .XX: ±.01 [.3] 2° .XXX: ±.005 [.13] .XXXX: ±.0020 [.051]	PROPRIETARY NOTE THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.	 520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail: info@SAMTEC.com code: 53322	
	MATERIAL: DO NOT SCALE DRAWING INSULATOR: L.C.P., COLOR: BLACK CONTACT OR TERMINAL: COPPER ALLOY	SHEET SCALE: 2:1		DESCRIPTION: .085 PITCH DP SOCKET ASSEMBLY
	DWG. NO. DPAF-XX-03.0-X-X-X-XX			BY: CHAD F 06/06/2003 SHEET 1 OF 3



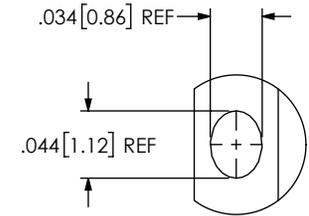
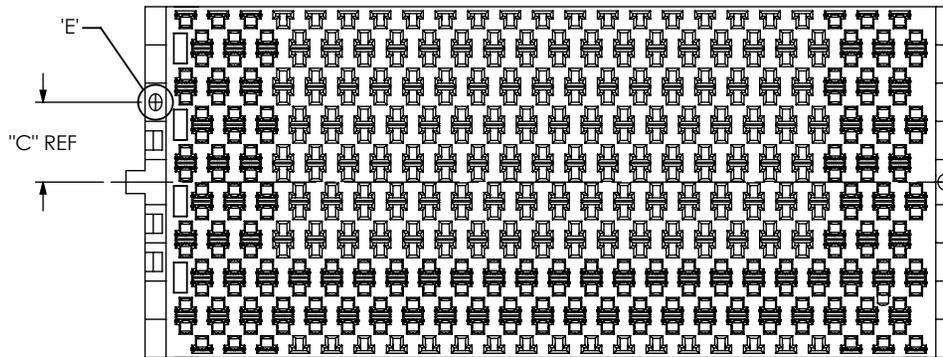
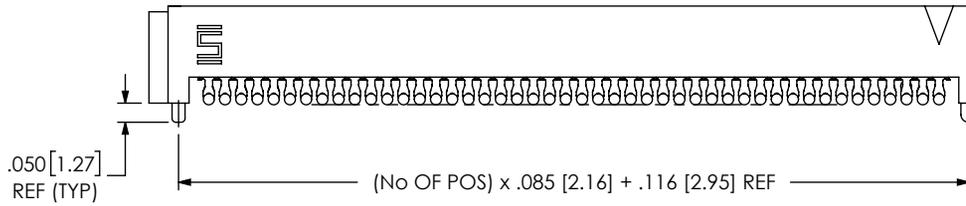
SECTION "A"- "A"
SCALE 4 : 1



(BOTTOM VIEW PROJECTED FROM SHEET 1)
(ALL CONTACTS NOT SHOWN FOR CLARITY)

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C10, C11, C12, C13	DO NOT SCALE DRAWING SHEET SCALE: 2:1	DESCRIPTION: .085 PITCH DP SOCKET ASSEMBLY
DWG. NO. DPAF-XX-03.0-X-X-X-XX		
BY: CHAD F 06/06/2003		SHEET 2 OF 3

FIG 2
 DPAF-23-03.0-X-8-1-A SHOWN
 (SAME AS FIG 1, EXCEPT AS SHOWN)
 [ALL CONTACTS NOT SHOWN FOR CLARITY]



DETAIL 'E'
 SCALE 8 : 1

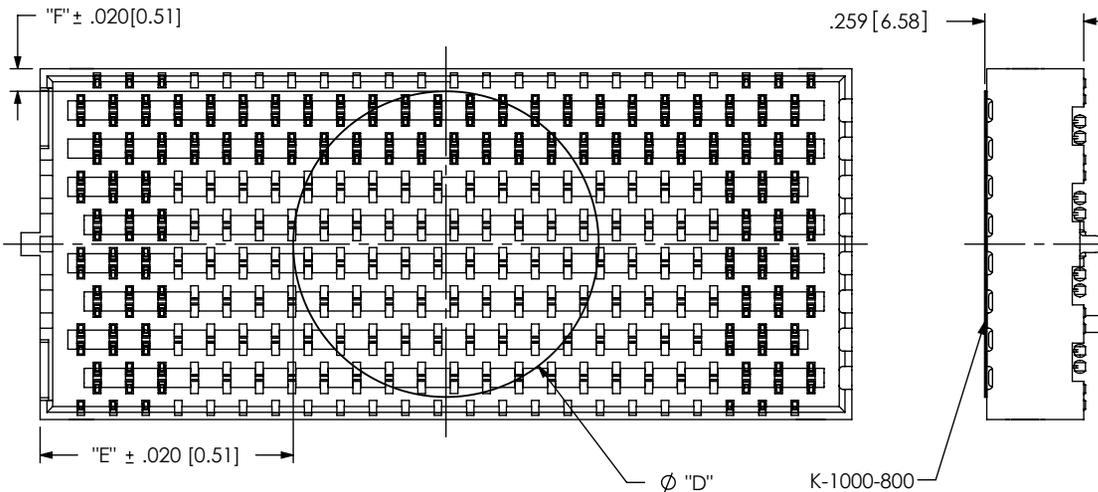


FIG 3
 DPAF-23-03.0-X-8-1-A-K SHOWN
 (SAME AS FIG 1, EXCEPT AS SHOWN)
 (ALL CONTACTS NOT SHOWN FOR CLARITY)

TABLE 3				
ROW	# OF POSITIONS	DIA "D"	DIM "E"	"F"
-3	4,6,8,15,23,30	.30 [7.6]	"E" = (No OF POS x .085[2.16] + .171[4.34] - "D") / 2	.059 [1.50]
-8	4,6	.30 [7.6]		.309 [7.85]
-8	8,15,23,30	.80 [20.3]		.059 [1.50]

CPC
 THIS SHEET

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1



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 e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION: .085 PITCH DP SOCKET ASSEMBLY

DWG. NO. DPAF-XX-03.0-X-X-X-XX

BY: CHAD F 06/06/2003 SHEET 3 OF 3