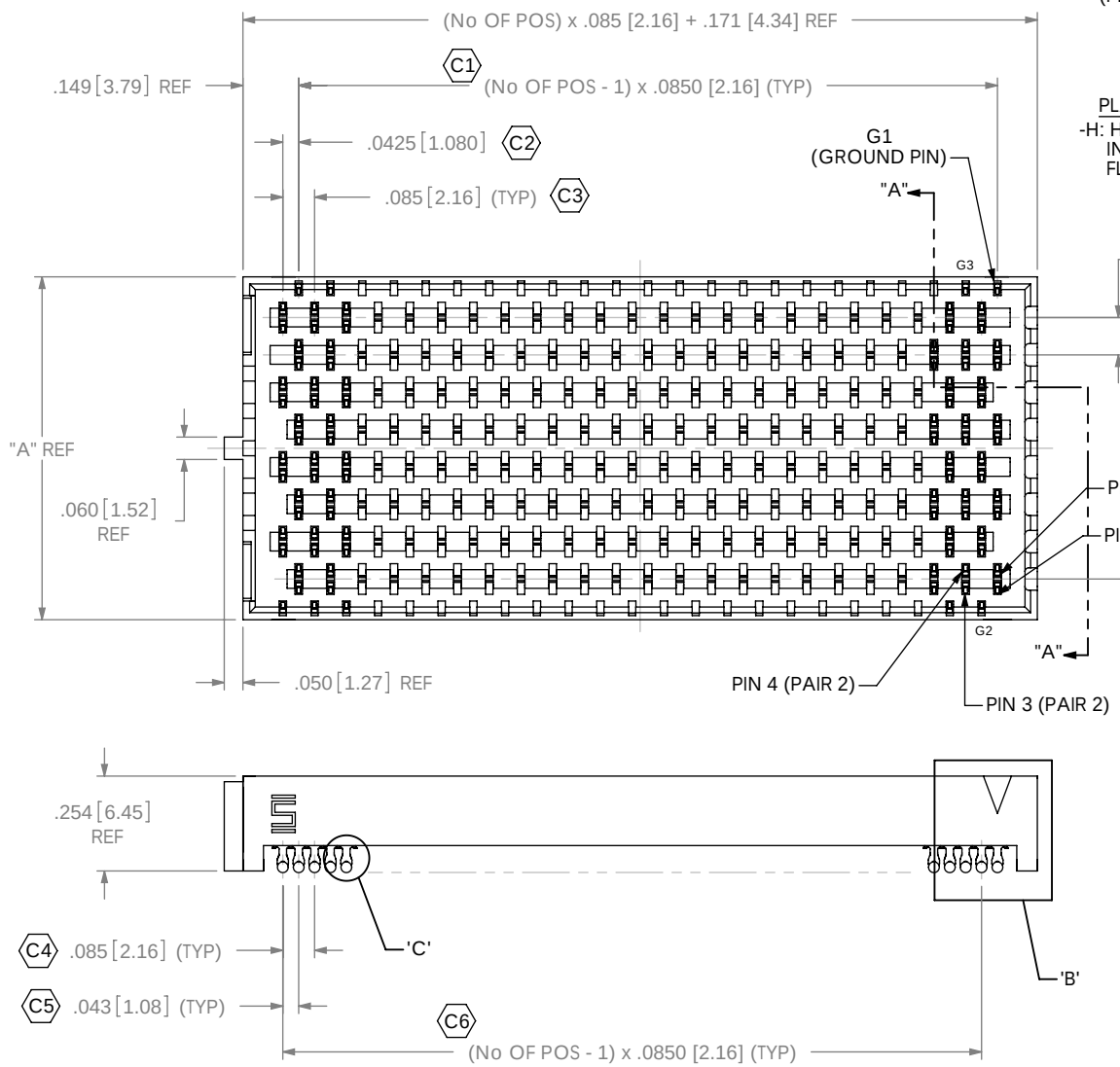
REVISION J

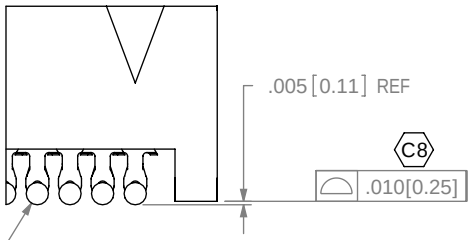
NOTES:

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.

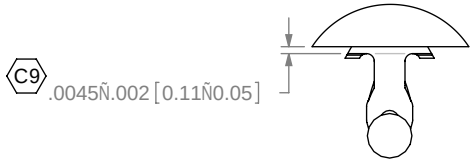
DO NOT SCALE FROM THIS PRINT

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





DETAIL 'B'
SCALE 4 : 1



DETAIL 'C'
SCALE 8 : 1

(ALL CONTACTS NOT SHOWN FOR CLARITY)

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

No OF POSITIONS
-04, -06, -08, -15, -23, *-30
(PER ROW)

LEAD STYLE
-03.0

PLATING SPECIFICATION
-H: HEAVY, .000030 GOLD IN CONTACT AREA. GOLD FLASH ON SOLDER 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-H-1)
-2: 96.5% TIN / 3% SILVER / .5% COPPER (USE SUB-C-191-03.0-H-2)

ROW
-8: 8 DIFFERENTIAL PAIR ROWS
-3: 3 DIFFERENTIAL PAIR ROWS

* = NOT RELEASED FOR PRODUCTION

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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS
.XX: ±.01 [.3]
.XXX: ±.005 [.13]
.XXXX: ±.0020 [.051]
ANGLES
2°

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1
INSULATOR: L.C.P., COLOR: BLACK
CONTACT OR TERMINAL: COPPER ALLOY

samtec
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

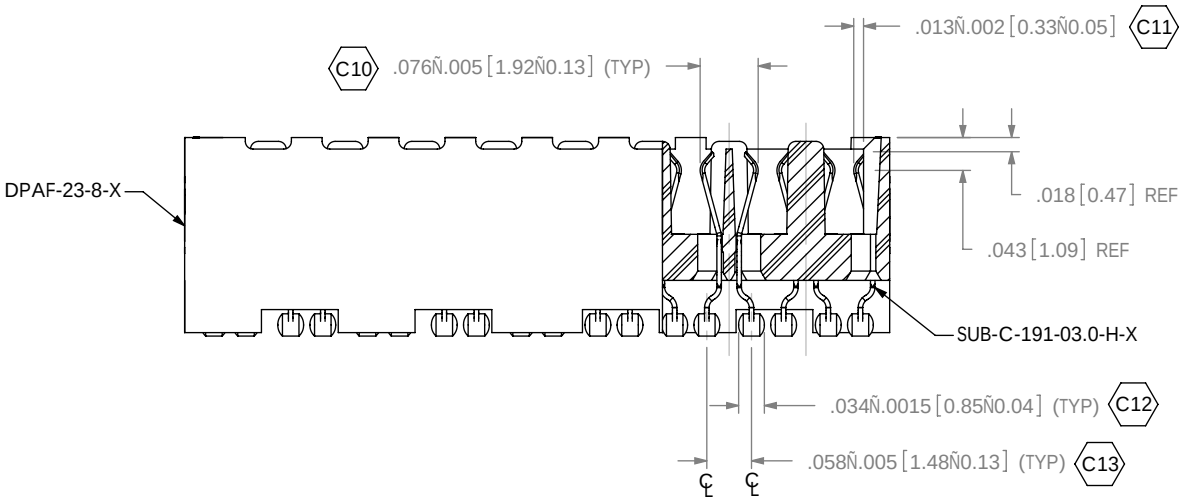
DESCRIPTION:
.085 PITCH DP SOCKET ASSEMBLY

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

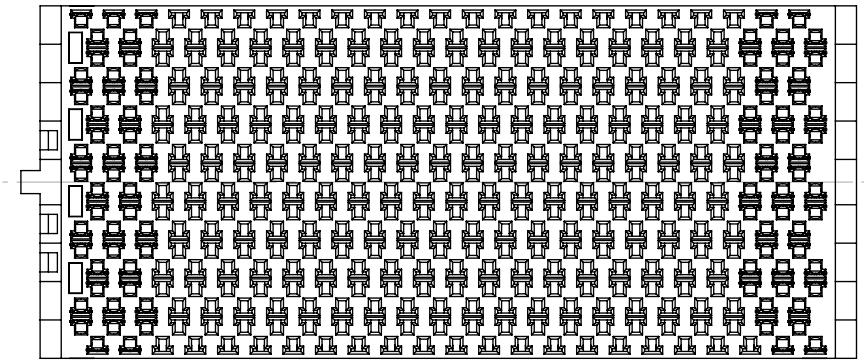
BY: CHAD F 06/06/2003 SHEET 1 OF 3

F:\DWG\MISC\MKTG\DPAF-XX-03.0-X-X-X-XX-MKT.SLDDRW

REVISION J



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



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

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SHEET SCALE: 2:1

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520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

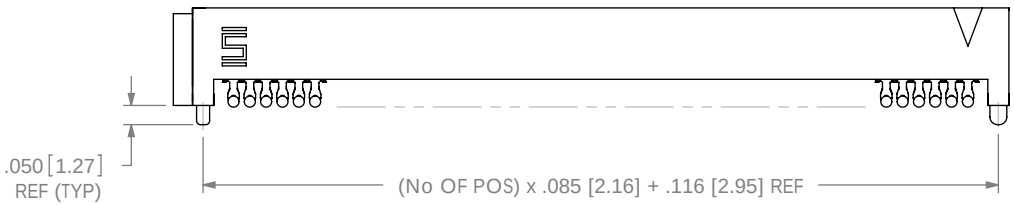
DESCRIPTION:
.085 PITCH DP SOCKET ASSEMBLY

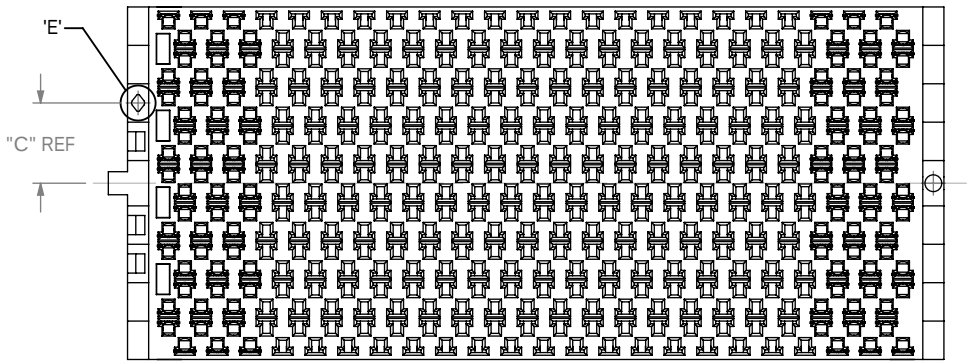
DWG. NO.
DPAF-XX-03.0-X-X-X-XX

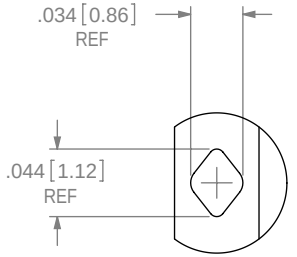
BY: CHAD F 06/06/2003 SHEET 2 OF 3

REVISION J

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



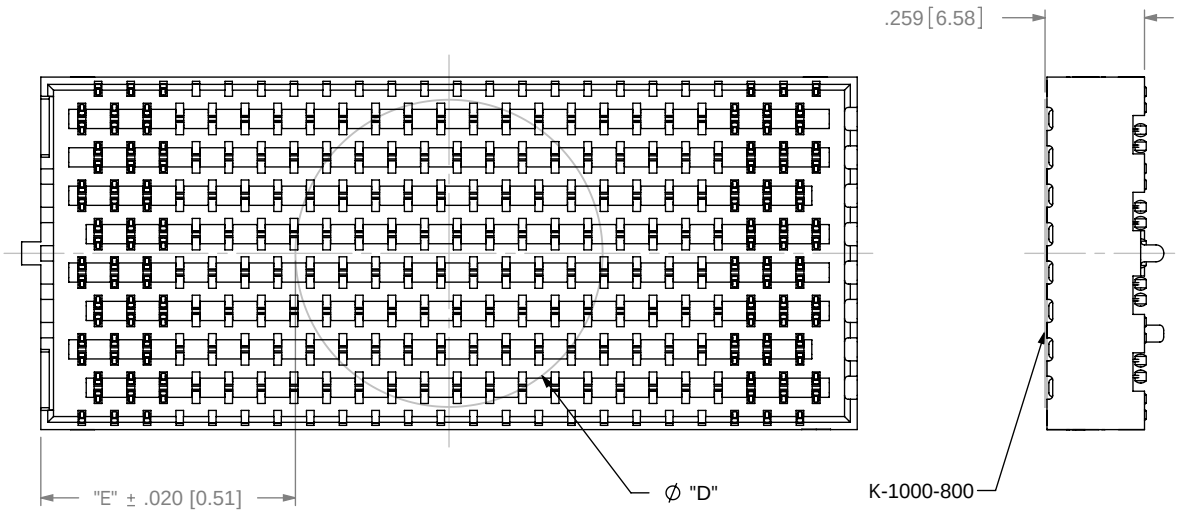




DETAIL 'E'
SCALE 8 : 1

FIG. 3
DPAF-23-03.0-H-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"
-3	4,6,8,15,23,30	.30[7.5]	"E" = (No OF POS x .085[2.16] + .171[4.34] - "D") /2
-8	4,6	.30[7.5]	
-8	8,15,23,30	.80[20.3]	



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SHEET SCALE: 2:1

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PHONE: 812-944-6733 FAX: 812-948-5047
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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