

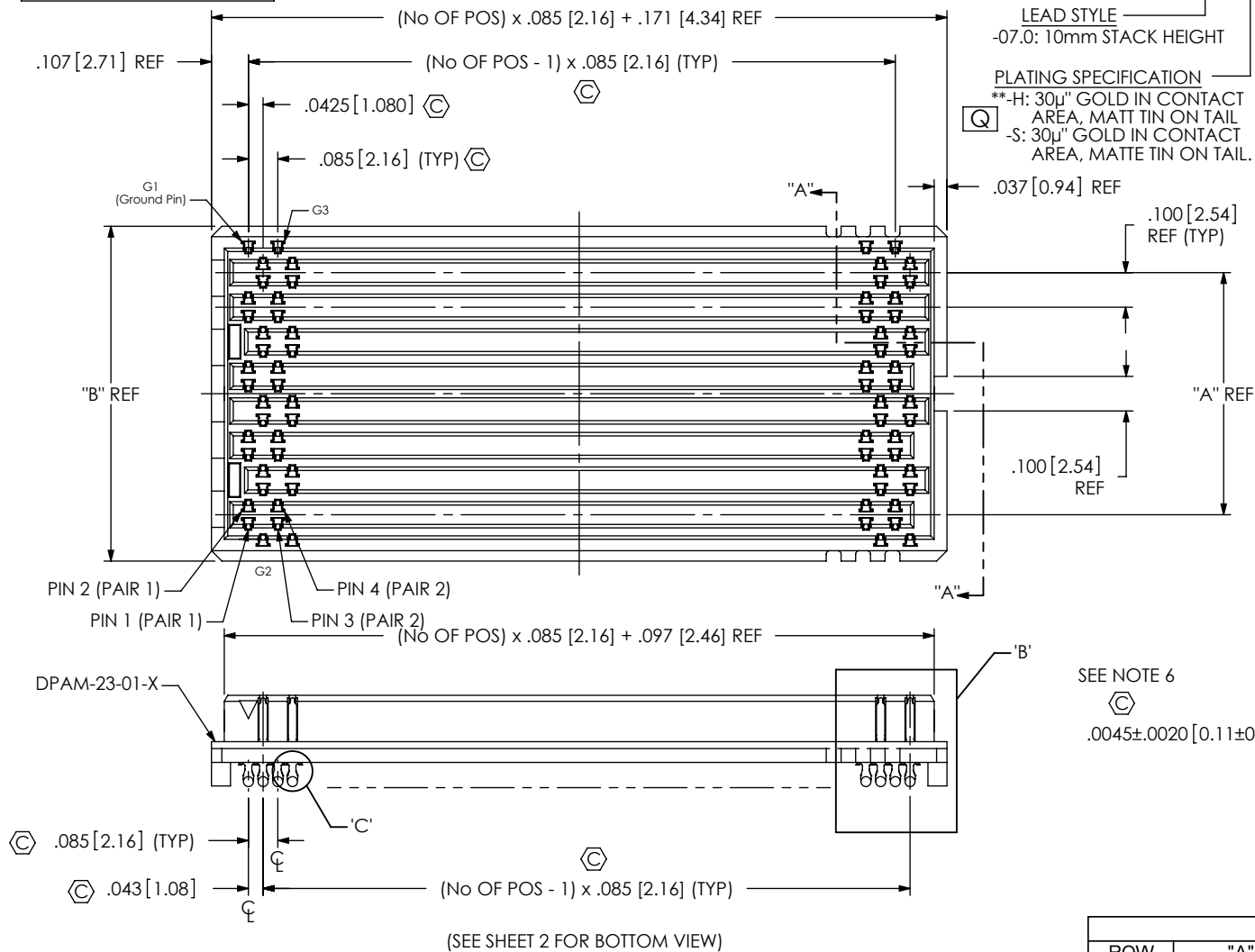
PATENT NUMBERS

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

FIG 1  
DPAM-23-07.0-X-8-1 SHOWN  
(ALL TERMINALS NOT SHOWN FOR CLARITY)

DPAM-XX-07.0-X-X-X-XX

DO NOT  
SCALE FROM  
THIS PRINT



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

LEAD STYLE  
-07.0: 10mm STACK HEIGHT

PLATING SPECIFICATION  
\*\*H: 30μ" GOLD IN CONTACT  
AREA, MATT TIN ON TAIL  
-S: 30μ" 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  
\*-GP: GUIDE POST  
(SEE FIG. 4, SHT 4)  
(23 POSITION ONLY)

SOLDER CRIMP MATERIAL  
-1: 63%TIN/37%LEAD  
(USE T-1M26-07.0-X-01)  
-2: 96.5% TIN/3% SILVER/0.5% COPPER  
(USE T-1M26-07.0-X-02)

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

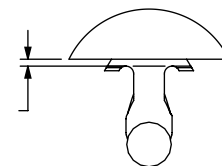
\* = NOT RELEASED FOR PRODUCTION  
\*\* = FOR EXISTING CUSTOMERS ONLY

TABLE 1 - ARRAY SIZE TABLE

| SIZE | DIFFERENTIAL PAIRS<br>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       |

SEE NOTE 6

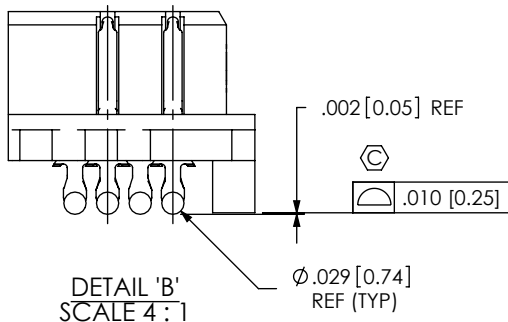
.0045±.0020 [0.11±0.05]



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

TABLE 2

| ROW | "A"         | "B"         | "C"          |
|-----|-------------|-------------|--------------|
| -8  | .700[17.78] | .968[24.59] | .234[5.94]   |
| -3  | .200[5.08]  | .468[11.89] | .1650[4.191] |



NOTES:

1. (C) REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: .5 LBS.
3. PARTS PACKAGED IN TRAYS
4. SOLDER CRIMP LOCATION MUST BE VERIFIED ON 6 CONSECUTIVE PINS.
5. SEE RECOMMENDED FOOTPRINT DRAWING FOR STENCIL REQUIREMENTS.
6. CHECK THIS DIMENSION ON ALL 4 CORNERS OF THE ASSEMBLY.

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES  
.XX: ±.01 [.3] 2°  
.XXX: ±.003 [.08]  
.XXXX: ±.0015 [.038]

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MATERIAL: DO NOT SCALE DRAWING  
INSULATOR: L.C.P., COLOR: BLACK  
TERMINAL: COPPER ALLOY  
KAPTON: K-1000-800

SHEET SCALE: 2:1

DESCRIPTION:

.085 PITCH DP TERMINAL ASSEMBLY

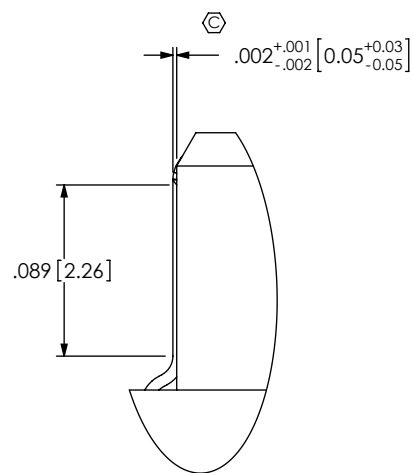
DWG. NO.

DPAM-XX-07.0-X-X-X-XX

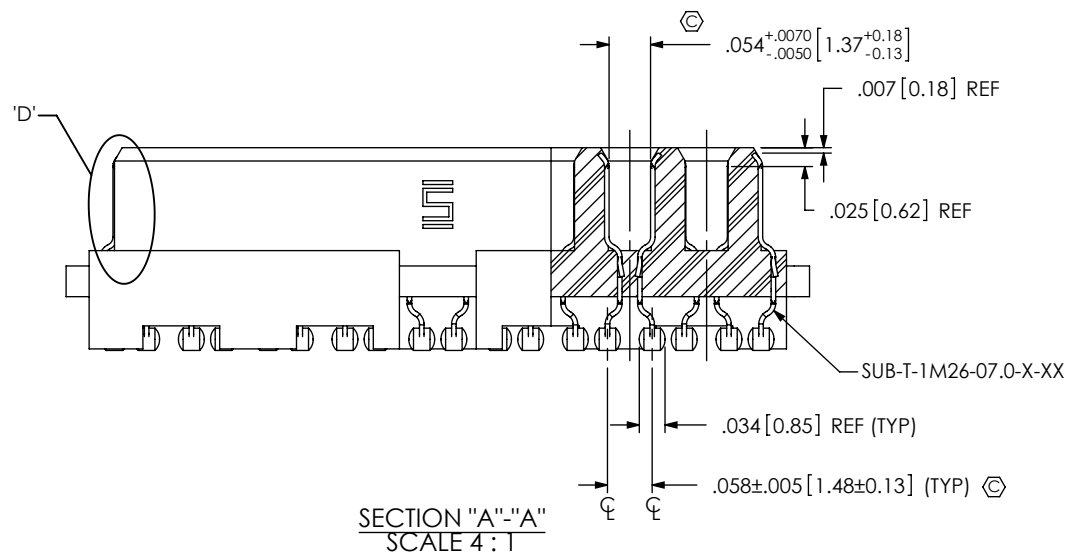
BY: CHAD F

6/3/2003

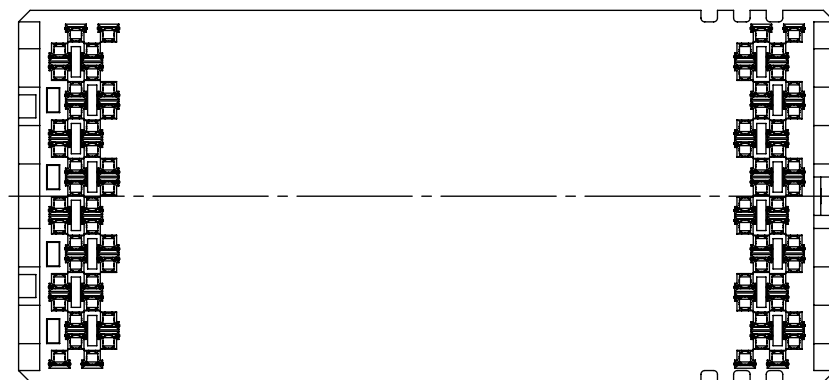
SHEET 1 OF 4



DETAIL 'D'  
SCALE 10:1



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



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

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SHEET SCALE: 2:1

**samtec**

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PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:  
.085 PITCH DP TERMINAL ASSEMBLY

DWG. NO. DPAM-XX-07.0-X-X-X-XX

BY: CHAD F 6/3/2003 SHEET 2 OF 4

FIG 2  
DPAM-23-07.0-X-8-1-A SHOWN  
(SAME AS FIG. 1, EXCEPT AS SHOWN)  
[ALL TERMINALS NOT SHOWN FOR CLARITY]

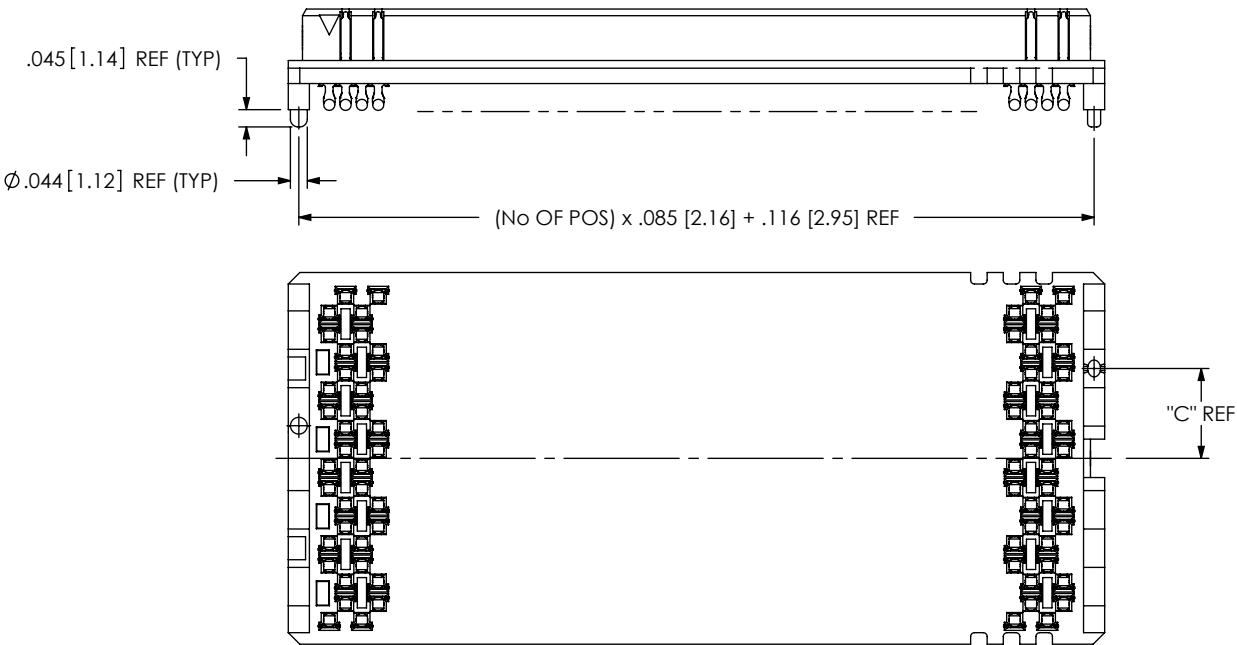
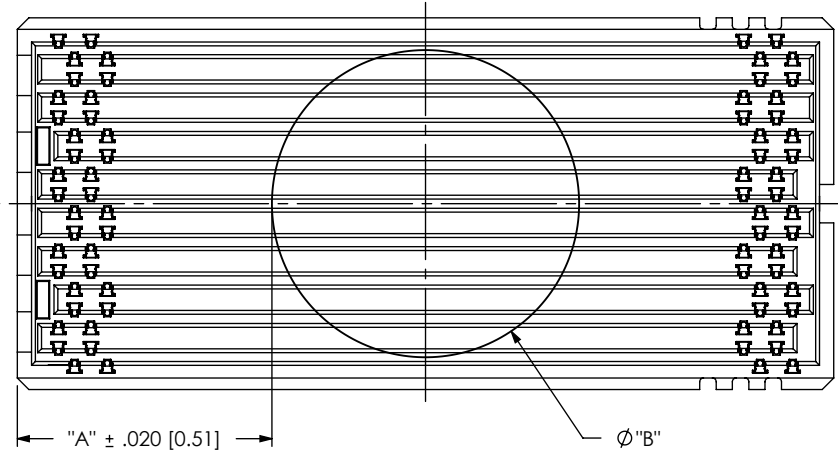
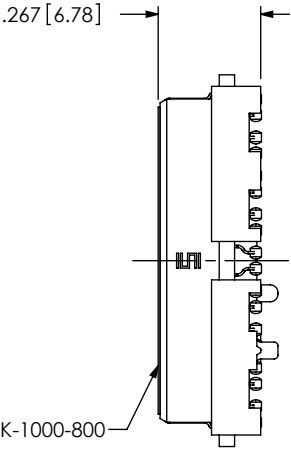


FIG 3  
DPAM-23-07.0-X-8-1-A-K SHOWN  
(SAME AS FIG. 1, EXCEPT AS SHOWN)  
(ALL TERMINALS NOT SHOWN FOR CLARITY)



| TABLE 2    |                |                                                                   |            |
|------------|----------------|-------------------------------------------------------------------|------------|
| ROW OPTION | # OF POSITIONS | DIM "A"                                                           | DIA "B"    |
| 3 ROW      | 4,6,8,15,23,30 | "A" = $((\text{No OF POS}) \times .085 [2.16]) / 2 - .064 [1.63]$ | .30 [7.5]  |
| 8 ROW      | 4,6            | "A" = $((\text{No OF POS}) \times .085 [2.16]) / 2 - .314 [7.98]$ | .30 [7.5]  |
| 8 ROW      | 8,15,23,30     | "A" = $((\text{No OF POS}) \times .085 [2.16]) / 2 - .314 [7.98]$ | .80 [20.3] |



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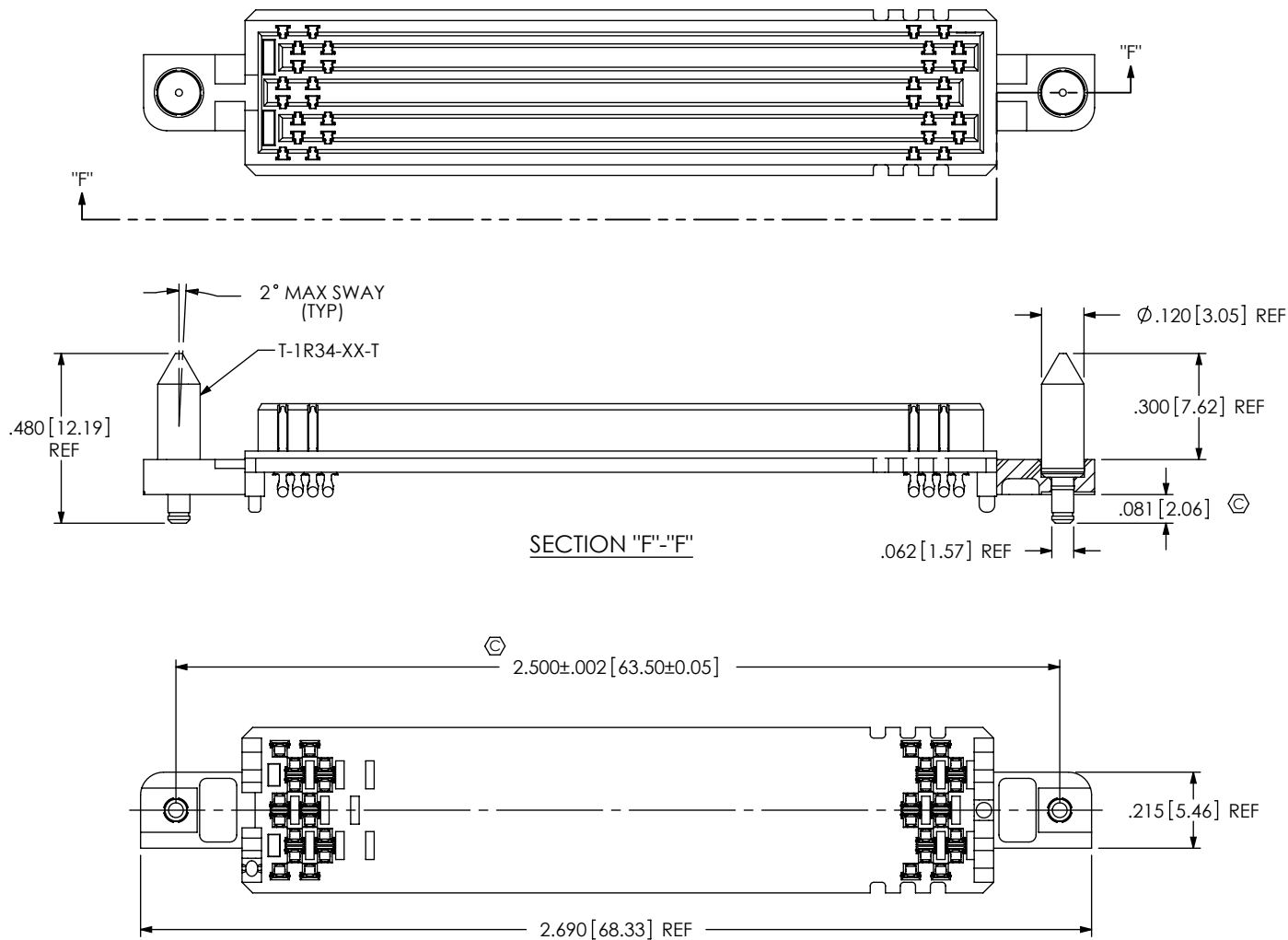
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.085 PITCH DP TERMINAL ASSEMBLY

DWG. NO.  
DPAM-XX-07.0-X-X-X-XX

BY: CHAD F 6/3/2003 SHEET 3 OF 4

FIG 4

\* DPAM-23-07.0-X-3-X-A-GP SHOWN  
(SAME AS FIG. 1, EXCEPT AS SHOWN)  
(ALL TERMINALS NOT SHOWN FOR CLARITY)  
(NOT AVAILABLE ON 8 ROW) (23 POSITION ONLY)  
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DWG. NO.

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BY: CHAD F

6/3/2003

SHEET 4 OF 4