

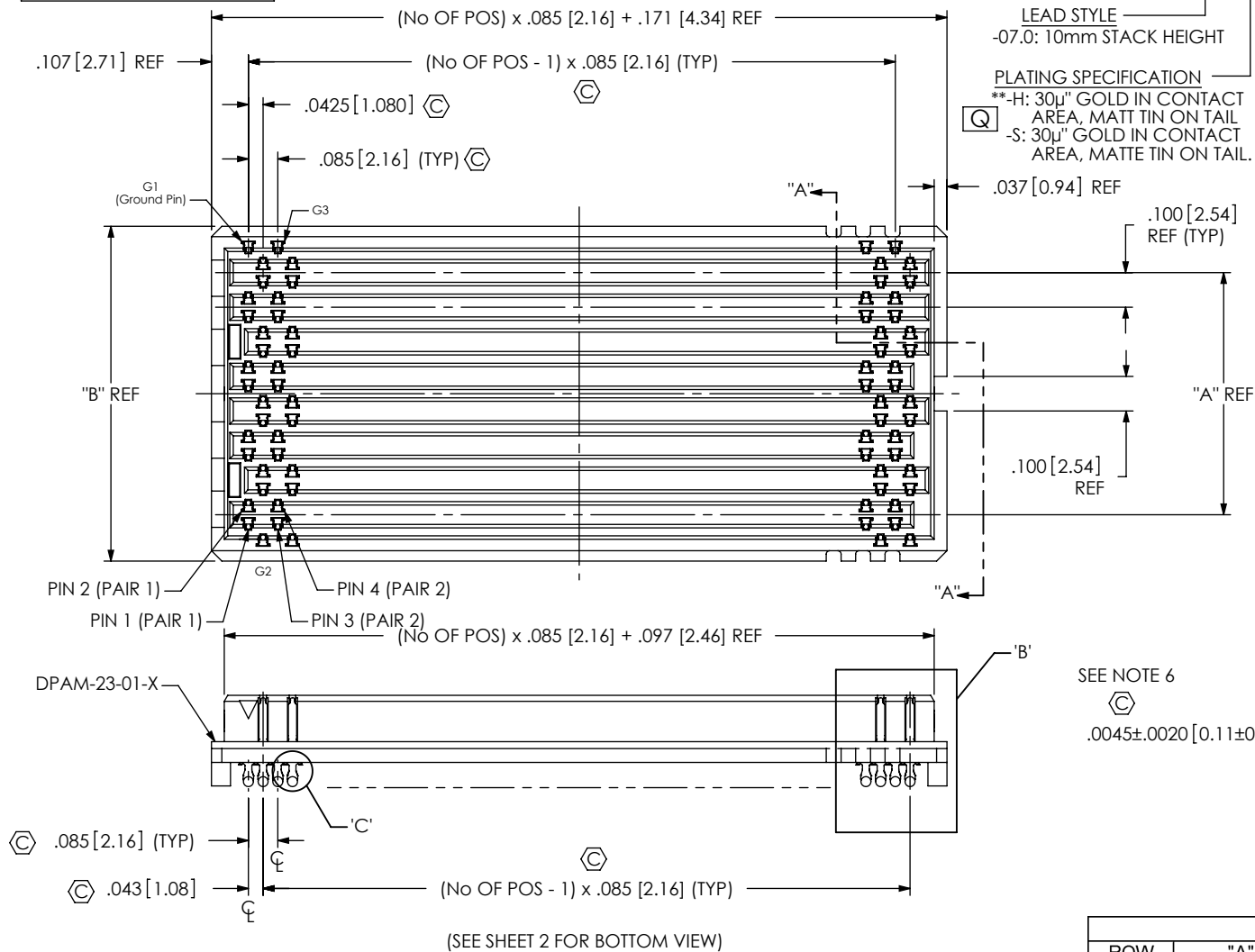
PATENT NUMBERS

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)

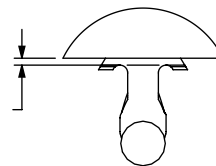
ROW
-8: 8 DIFFERENTIAL PAIR ROWS
-3: 3 DIFFERENTIAL PAIR ROWS

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

TABLE 1 - ARRAY SIZE TABLE		
SIZE	DIFFERENTIAL PAIRS 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

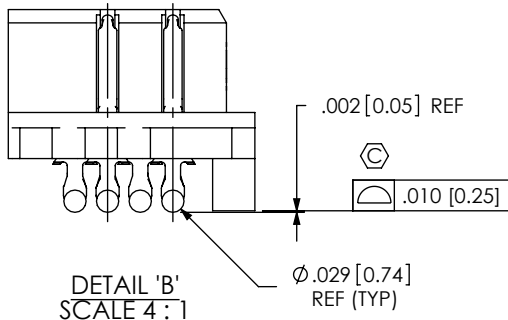
SEE NOTE 6

.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]
.XXX: ±.003 [.08]
.XXXX: ±.0015 [.038]

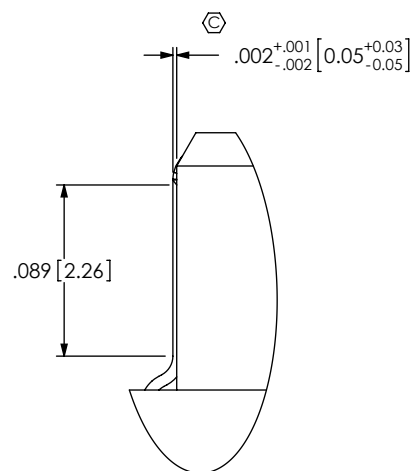
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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1
INSULATOR: L.C.P., COLOR: BLACK
TERMINAL: COPPER ALLOY
KAPTON: K-1000-800

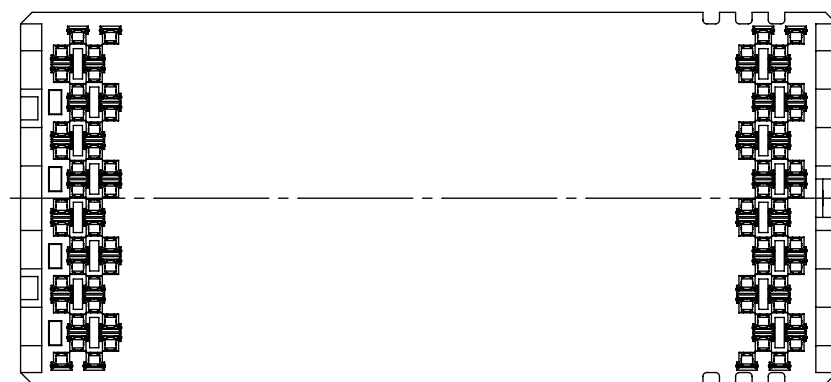
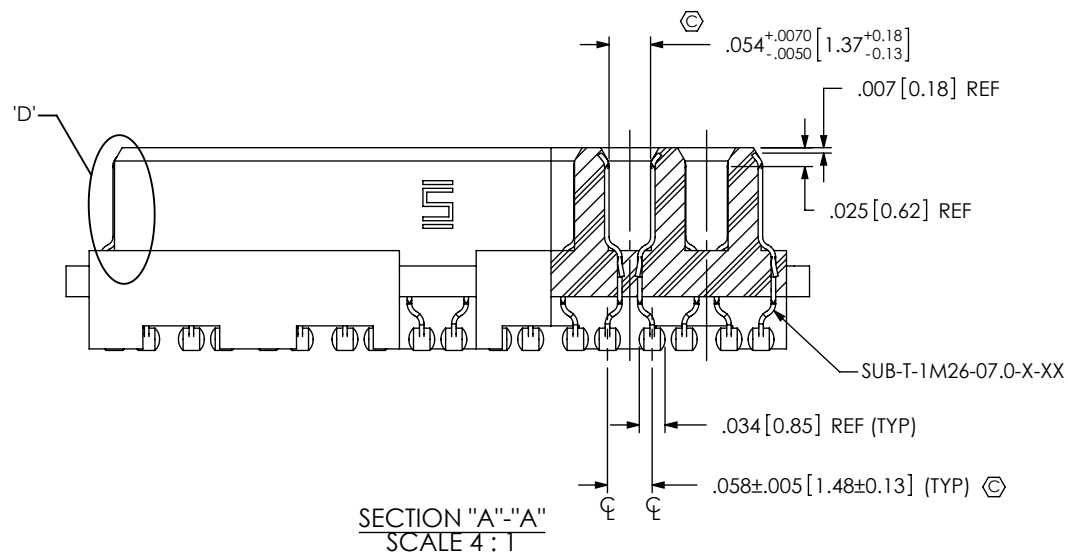
DESCRIPTION:
.085 PITCH DP TERMINAL ASSEMBLY
DWG. NO.
DPAM-XX-07.0-X-X-X-XX
BY: CHAD F 6/3/2003 SHEET 1 OF 4



520 PARK EAST BLVD, NEW ALBANY, IN 47150
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e-Mail: info@SAMTEC.com code: 55322



DETAIL 'D'
SCALE 10:1



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

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SHEET SCALE: 2:1

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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]

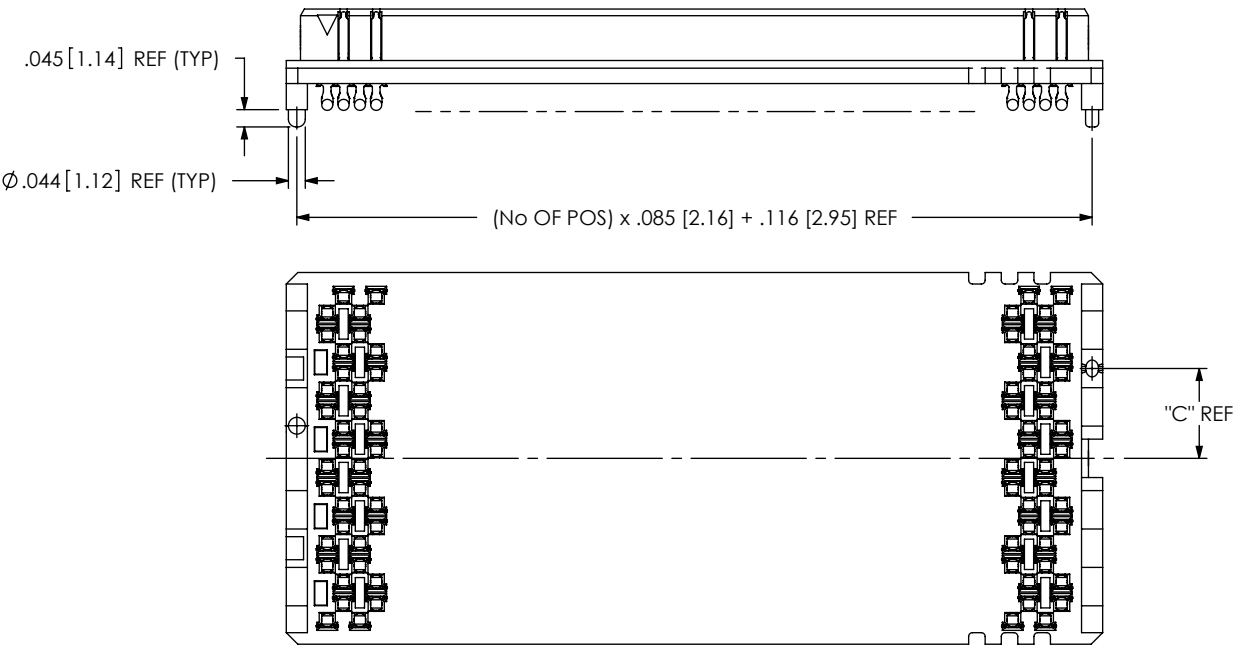


FIG 3
DPAM-23-07.0-X-8-1-A-K SHOWN
(SAME AS FIG. 1, EXCEPT AS SHOWN)
(ALL TERMINALS NOT SHOWN FOR CLARITY)

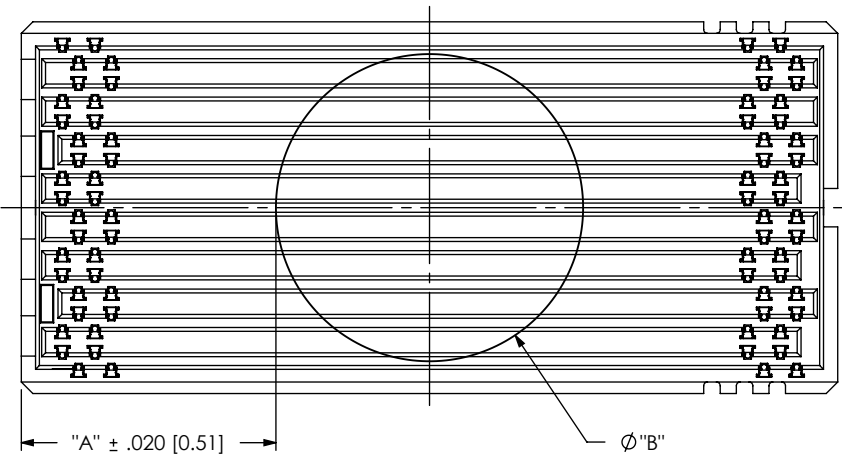
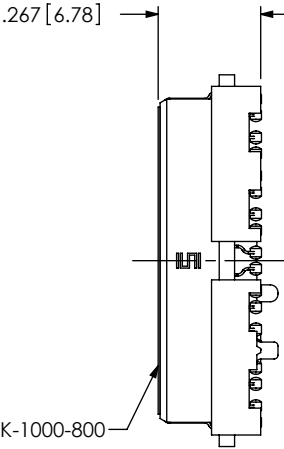


TABLE 2			
ROW OPTION	# OF POSITIONS	DIM "A"	DIA "B"
3 ROW	4,6,8,15,23,30	"A" = $((\text{No OF POS}) \times .085 [2.16]) / 2 - .064 [1.63]$	.30 [7.5]
8 ROW	4,6	"A" = $((\text{No OF POS}) \times .085 [2.16]) / 2 - .314 [7.98]$	.30 [7.5]
8 ROW	8,15,23,30	"A" = $((\text{No OF POS}) \times .085 [2.16]) /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



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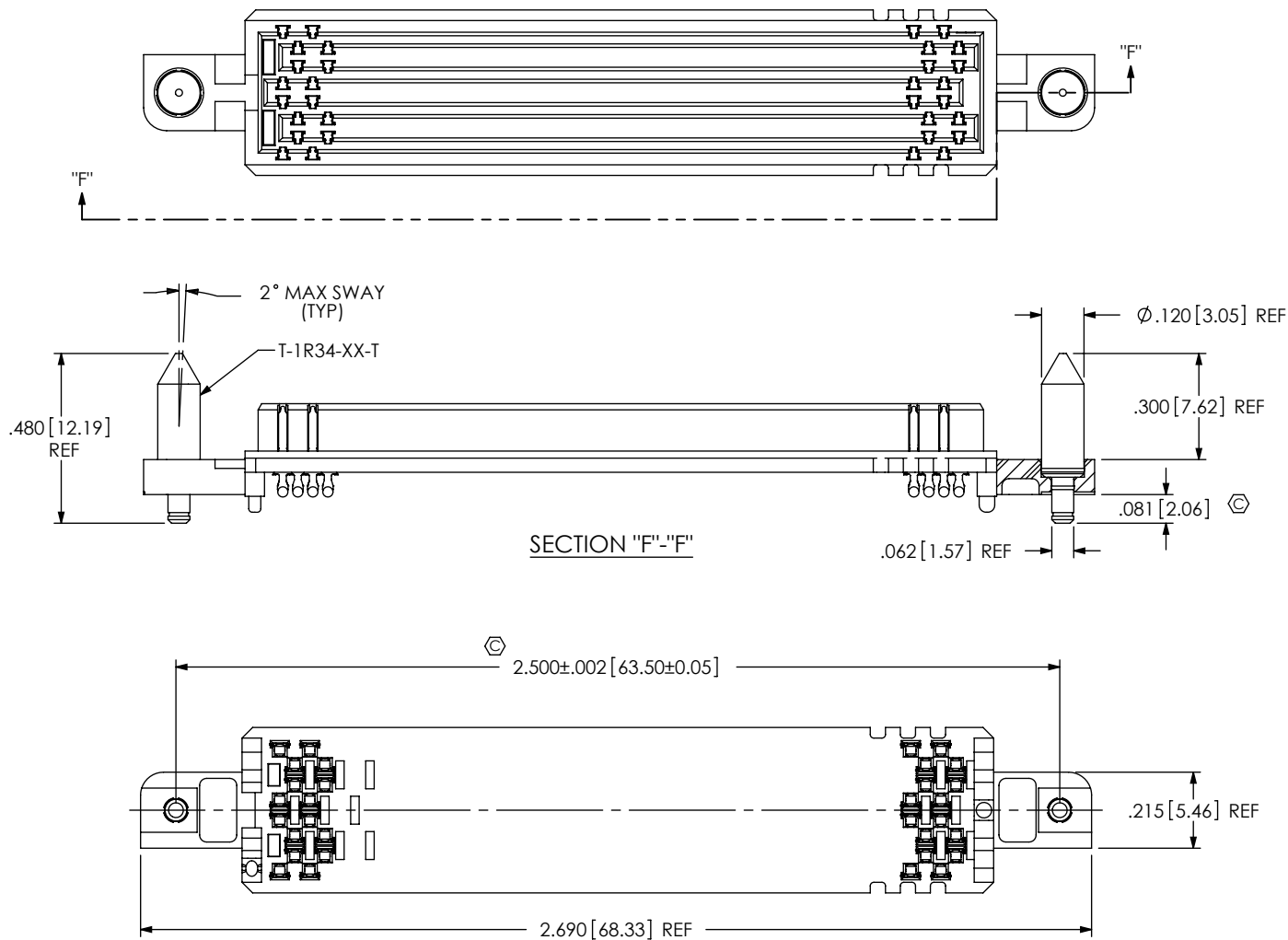
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.085 PITCH DP TERMINAL ASSEMBLY

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)
* = NOT RELEASED FOR PRODUCTION



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6/3/2003

SHEET 4 OF 4