

DO NOT
SCALE FROM
THIS PRINTDESIGNED AND DIMENSIONED IN MILLIMETERS[INCHES]
ALL DIMENSIONS REFERENCE EXCEPT AS SHOWN

ADM6-XXX-XX.X-XXX-4-X-X-XR

No OF POSITIONS

-10, -20, -30, -40, -50, -60,
-70, -80, -90, -100
(PER ROW)

LEAD STYLE

-01.5: 1.5MM
-03.5: 3.5MM
-06.5: 6.5MM
-08.5: 08.5MM

PACKAGING

(SEE NOTES 1, 3 & 4)
-TR: TAPE & REEL
-FR: FULL REEL QTY TAPE & REEL

OPTION

BLANK: NO ALIGNMENT PIN
-A: ALIGNMENT PIN
(SEE SHT 3, FIG 3)

TERMINATION

-0: COLUMN (SEE NOTE 6)
*Δ-1: BALL (63.0% TIN/37% LEAD)
(ONLY AVAILABLE WITH -STL
PLATING)
**Δ-2: BALL (96.5% TIN/3.0% SILVER
0.5% COPPER)(ONLY
AVAILABLE WITH -S OR -L
PLATING OPTIONS)

4 ROW

PLATING SPECIFICATION

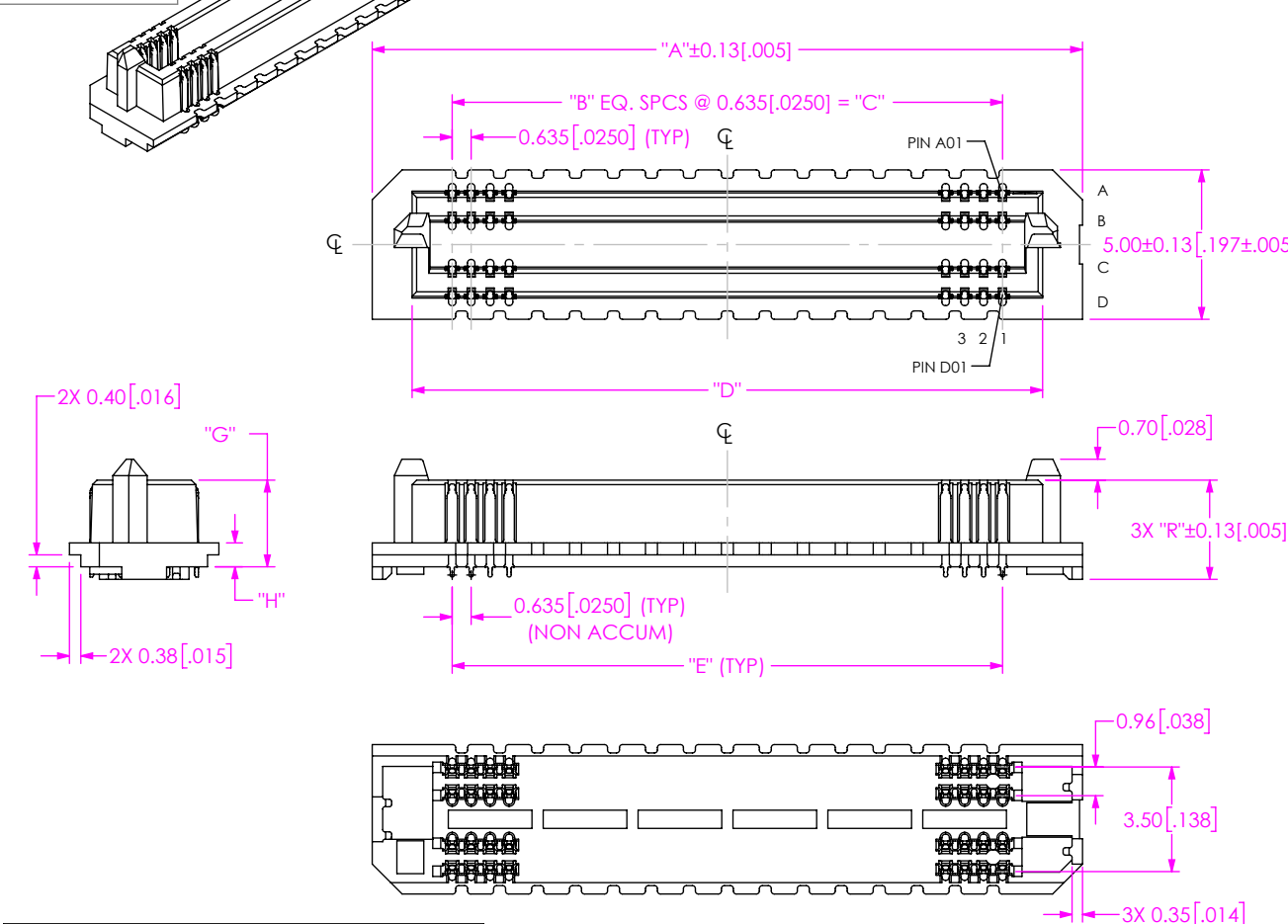
-L: 10μ" SELECTIVE GOLD
IN CONTACT AREA,
MATTE TIN ON TAIL
-S: 30μ" SELECTIVE GOLD
IN CONTACT AREA,
MATTE TIN ON TAIL
-STL: 30μ" SELECTIVE GOLD
IN CONTACT AREA,
TIN/LEAD ON TAIL(* = NOT RELEASED FOR -03.5, 06.5, 08.5 LEAD STYLES)
(** = NOT RELEASED FOR 70-100 POSITIONS WITH
-08.5 LEAD STYLE)
(Δ=TERMINATION STYLE FOR EXISTING CUSTOMERS ONLY)

TABLE 3

LEAD STYLE	"G"	"H"	"R"
-01.5	2.900 [0.1142]	0.800 [0.0315]	3.32 [0.131]
-03.5	4.900 [0.1929]	2.800 [0.1102]	5.32 [0.209]
-06.5	7.900 [0.3110]	5.800 [0.2283]	8.32 [0.328]
-08.5	9.900 [0.3898]	7.800 [0.3071]	10.32 [0.406]

FIG 1

ADM6-30-01.5-XXX-4-0-XR SHOWN
(SOME CENTER FEATURES REMOVED FOR CLARITY)

TABLE 1

STACK HEIGHT

ADF6 LEAD STYLE	ADM6 LEAD STYLE			
	-01.5	-03.5	-06.5	-08.5
-03.5	5.00 [0.197]	7.00 [0.276]	10.00 [0.394]	12.00 [0.472]
-07.5	9.00 [0.354]	11.00 [0.433]	14.00 [0.551]	16.00 [0.630]

TABLE 2

No. OF POS. PER ROW	"A"	"B"	"C"	"D"	"E"
-10	11.07 [0.4356]	9	5.715 [0.2250]	8.395 [0.3305]	5.72 [0.2250]
-20	17.42 [0.6856]	19	12.065 [0.4750]	14.745 [0.5805]	12.07 [0.4750]
-30	23.77 [0.9356]	29	18.415 [0.7250]	21.095 [0.8305]	18.42 [0.7250]
-40	30.12 [1.1856]	39	24.765 [0.9750]	27.445 [1.0805]	24.77 [0.9750]
-50	36.47 [1.4356]	49	31.115 [1.2250]	33.795 [1.3305]	31.12 [1.2250]
-60	42.82 [1.6856]	59	37.465 [1.4750]	40.145 [1.5805]	37.47 [1.4750]
-70	49.17 [1.9356]	69	43.815 [1.7250]	46.495 [1.8305]	43.82 [1.7250]
-80	55.52 [2.1856]	79	50.165 [1.9750]	52.845 [2.0805]	50.17 [1.9750]
-90	61.87 [2.4356]	89	56.515 [2.2250]	59.195 [2.3305]	56.52 [2.2250]
-100	68.22 [2.6856]	99	62.865 [2.4750]	65.545 [2.5805]	62.87 [2.4750]

1. TAPE & REEL IS STANDARD PACKAGING.
2. NOTE DELETED.
3. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM
4. ATTACH LABEL-4X2 TO EACH REEL.
5. K-DOT PROVIDED AS STANDARD.
6. -L AND -S PLATED PARTS WILL HAVE MATTE TIN ON THE TAIL. -STL PLATED PARTS WILL HAVE TIN/LEAD ON THE TAIL. PARTS ARE SOLDERED WITH OPTIMIZED SOLDER PASTE VOLUMET IN PLACE OF AN ATTACHED SOLDER BALL. FOR MORE INFORMATION, CONTACT SAMTEC'S INTERCONNECT PROCESSING GROUP (IPG@SAMTEC.COM).".

* PROPRIETARY NOTE *

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DO NOT SCALE DRAWING
SHEET SCALE: 4:1
MATERIAL:
INSULATOR: LCP, COLOR BLACK
CONTACT: COPPER ALLOY

DESCRIPTION:

ADM6 ASSEMBLY

DWG. NO.

ADM6-XXX-XX.X-XXX-4-X-X-XR

BY: J RUZZI

6/14/2016

SHEET 1 OF 3

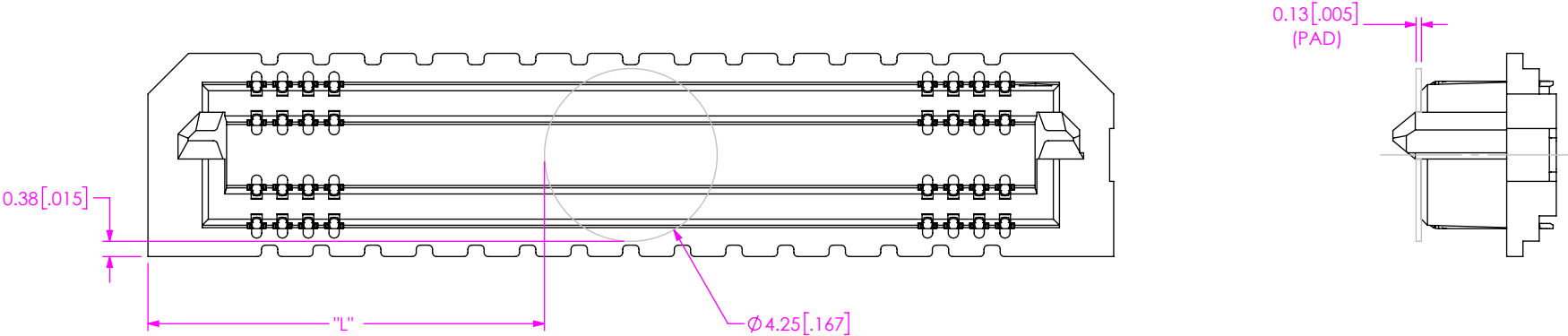


FIG 2
POLYIMIDE PAD
ADM6-30-1.5-XXX-4-0-XR SHOWN
(SAME AS FIG1, EXCEPT AS SHOWN)
(SOME CENTER FEATURES REMOVED FOR CLARITY)

TABLE 4

-No. OF POS PER ROW	"L"
-10	3.41 [0.134]
-20	6.58 [0.259]
-30	9.76 [0.384]
-40	12.93 [0.509]
-50	16.11 [0.634]
-60	19.28 [0.759]
-70	22.46 [0.884]
-80	25.63 [1.009]
-90	28.81 [1.134]
-100	31.98 [1.259]

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	DESCRIPTION: ADM6 ASSEMBLY	
	DWG. NO. ADM6-XXX-XX.X-XXX-4-X-X-XR	
DO NOT SCALE DRAWING SHEET SCALE: 6:1	BY: J RUZZI 6/14/2016	SHEET 2 OF 3

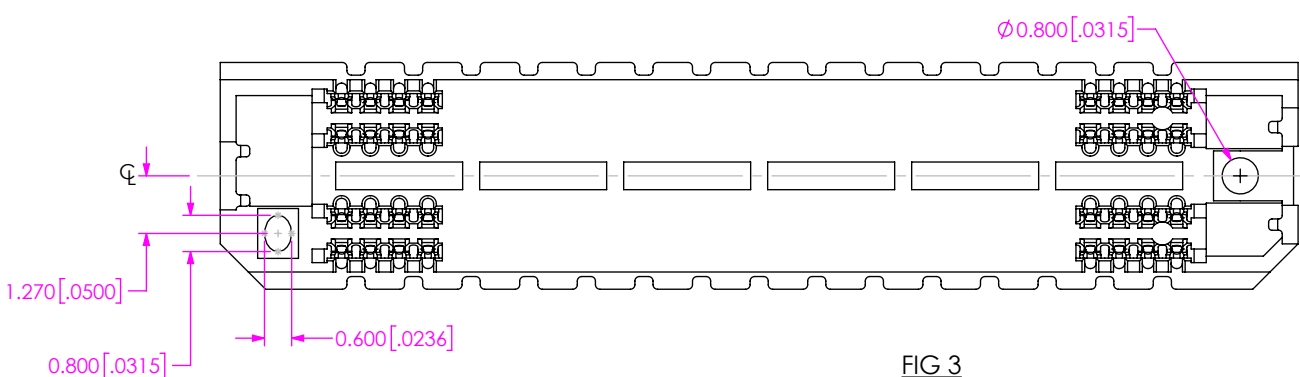
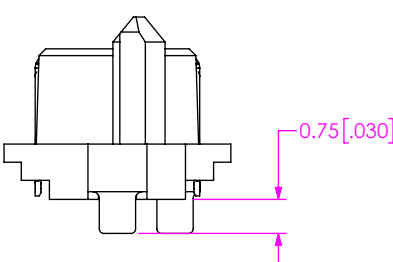
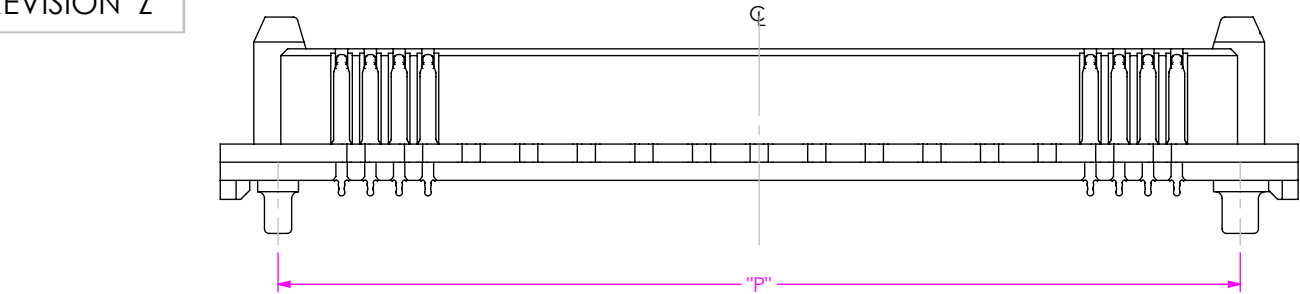


TABLE 6	
No OF POS PER ROW	"P"
-10	8.52 [0.335]
-20	14.87 [0.585]
-30	21.22 [0.835]
-40	27.57 [1.085]
-50	33.92 [1.335]
-60	40.27 [1.585]
-70	46.62 [1.835]
-80	52.97 [2.085]
-90	59.32 [2.335]
-100	65.67 [2.585]

FIG 3
-A: ALIGNMENT PIN
ADM6-30-01.5-XXX-4-0-A-XR SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)
(SOME CENTER FEATURES REMOVED FOR CLARITY)

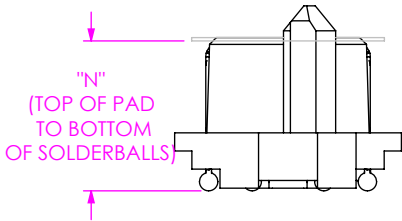
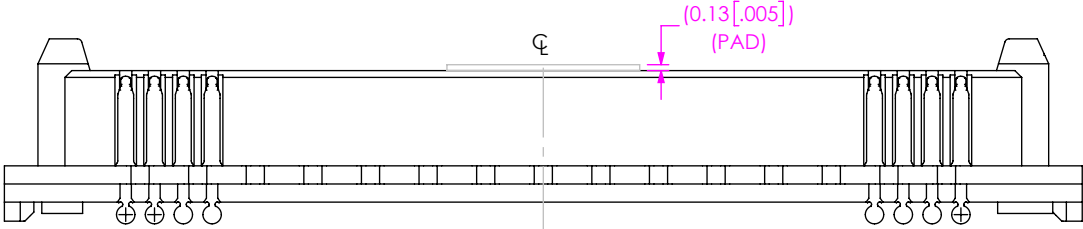


TABLE 5	
LEAD STYLE	"N"
-01.5	3.53 [0.139]
-03.5	5.53 [0.218]
-06.5	8.53 [0.336]
-08.5	10.53 [0.415]

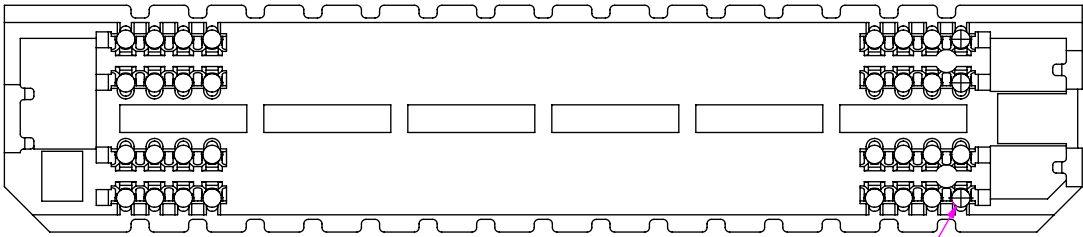


FIG 4
ADM6-30-01.5-XXX-4-X-XR SHOWN
(SAME AS FIG1, EXCEPT AS SHOWN)
(SOLDER BALL OPTION)
(SOME CENTER FEATURES REMOVED FOR CLARITY)

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DESCRIPTION:
ADM6 ASSEMBLY
DWG. NO.
ADM6-XXX-XX.X-XXX-4-X-X-XR
BY: J RUZZI 6/14/2016 SHEET 3 OF 3