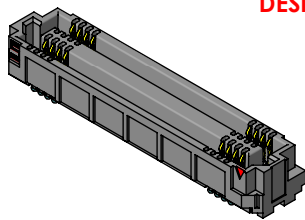


DO NOT SCALE FROM THIS PRINT



No. OF POSITIONS
 -10 -20, -30, -40, -50,
 □ -60, □ ** -70, □ ** -80,
 □ ** -90, □ ** -100 (PER ROW)

LEAD STYLE
 -03.5: 3.5MM
 *-07.5: 7.5MM

PACKAGING (SEE NOTES 2, 5 & 7)
 -TR: TAPE & REEL
 -FR: FULL REEL QTY TAPE & REEL

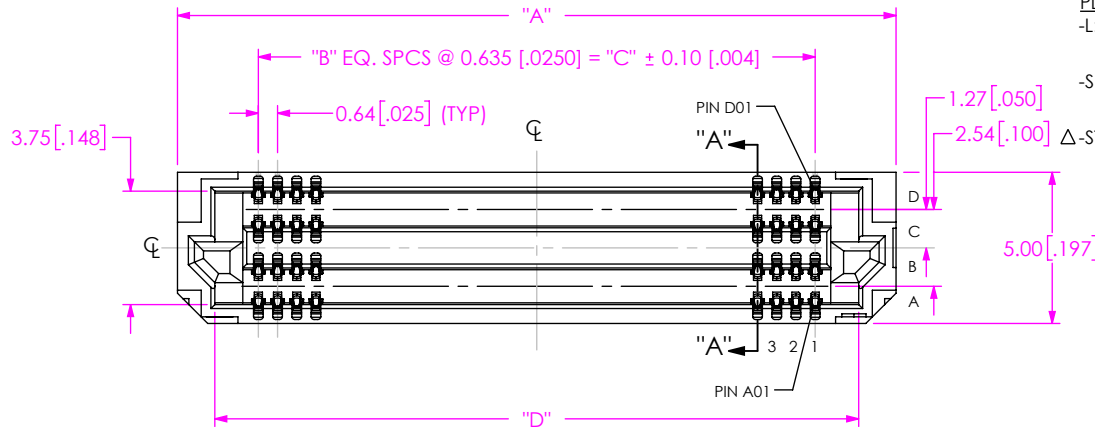
OPTION
 BLANK: NO ALIGNMENT PIN
 -A: ALIGNMENT PIN
 (SEE SHT 3, FIG 3)

SOLDER BALL COMPOSITION
 Δ -1: 63.0% TIN/37.0% LEAD
 -2: 96.5% TIN/3.0% SILVER/
 0.5% COPPER

ROW
 -4: 4 ROW

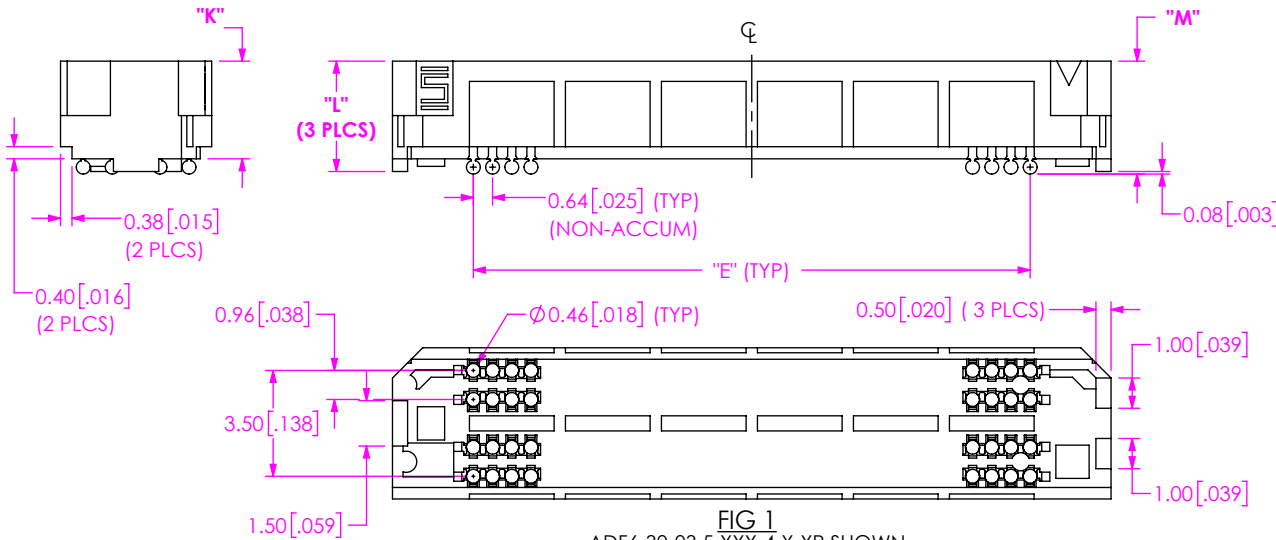
PLATING SPECIFICATION
 -L: 10μ" SELECTIVE GOLD
 IN CONTACT AREA,
 MATTE TIN ON TAIL
 -S: 30μ" SELECTIVE GOLD
 IN CONTACT AREA,
 MATTE TIN ON TAIL
 Δ-STL: 30μ" SELECTIVE GOLD
 IN CONTACT AREA,
 TIN/LEAD ON SOLDER TAIL.

(* = NOT TOOLED)
 (** = NOT ENGINEERING APPROVED)
 (□ = 60, 70, 80, 90, 100 POSITIONS
 ONLY AVAILABLE IN 4 ROW)
 (Δ = ONLY AVAILABLE IN 40 POSITIONS)



LEADSTYLE	"K"	"L"	"M"
-03.5	3.230 [0.1272]	3.65 [0.144]	3.73 [0.147]
-07.5	7.230 [0.2846]	7.65 [0.301]	7.73 [0.304]

ADF6 LEAD STYLE	STACK HEIGHT			
	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]



No. OF POS. PER ROW	"A"	"B"	"C"	"D"	"E"
-10	11.07 [0.436]	9	5.715 [0.2250]	8.595 [0.3384]	5.72 [0.225]
-20	17.42 [0.686]	19	12.065 [0.4750]	14.945 [0.5884]	12.07 [0.475]
-30	23.77 [0.936]	29	18.415 [0.7250]	21.295 [0.8384]	18.42 [0.725]
-40	30.12 [1.186]	39	24.765 [0.9750]	27.645 [1.0884]	24.77 [0.975]
-50	36.47 [1.436]	49	31.115 [1.2250]	33.995 [1.3384]	31.12 [1.225]
-60	42.82 [1.686]	59	37.465 [1.4750]	40.345 [1.5884]	37.47 [1.475]
-70	49.17 [1.936]	69	43.815 [1.7250]	46.695 [1.8384]	43.82 [1.725]
-80	55.52 [2.186]	79	50.165 [1.9750]	53.045 [2.0884]	50.17 [1.975]
-90	61.87 [2.436]	89	56.515 [2.2250]	59.395 [2.3384]	56.52 [2.225]
-100	68.22 [2.686]	99	62.865 [2.4750]	65.745 [2.5884]	62.87 [2.475]

- NOTES:
1. MINIMUM PUSHOUT FORCE FOR SIGNALS" 1.60 N [0.4 LBS].
 2. TAPE & REEL IS STANDARD PACKAGING.
 3. NOTE DELETED.
 4. NOTE DELETED.
 5. ATTACH LABEL TO EACH TAPE & REEL PACKAGE.
 6. K-DOT PROVIDED AS STANDARD.
 7. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.

FIG 1
 ADF6-30-03.5-XXX-4-X-XR SHOWN
 (SOME CENTER FEATURES REMOVED FOR CLARITY)

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 e-Mail: info@SAMTEC.com code 55322

MATERIAL: INSULATOR: LCP, COLOR BLACK CONTACT: COPPER ALLOY	DO NOT SCALE DRAWING	SHEET SCALE: 4:1	DESCRIPTION: ADF6 ASSEMBLY
DWG. NO. ADF6-XXX-XX.X-XXX-X-X-X-R			BY: J RUZZI 6/10/2016 SHEET 1 OF 3

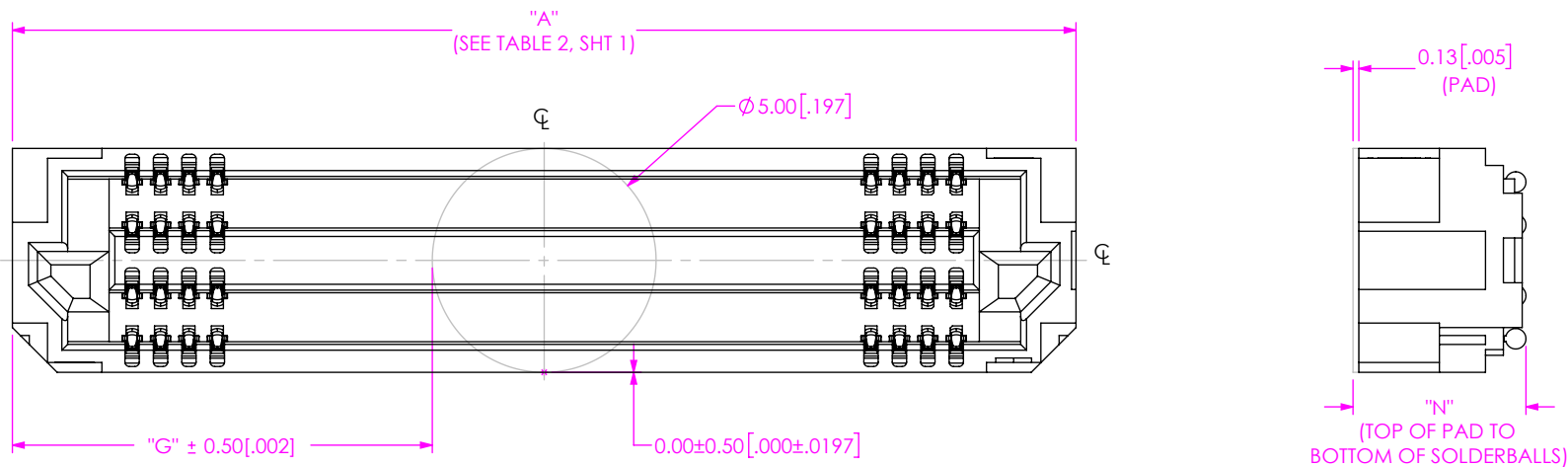


FIG 2
 POLYIMIDE PAD
 ADF6-30-03.5-XXX-4-X-XR SHOWN
 (SOME CENTER FEATURES REMOVED FOR CLARITY)

TABLE 3

-No OF POS IN ROW	"G"
10 POS	3.03 [0.119]
20 POS	6.21 [0.244]
30 POS	9.38 [0.369]
40 POS	12.56 [0.494]
50 POS	15.73 [0.619]
60 POS	18.91 [0.744]
70 POS	22.08 [0.869]
80 POS	25.26 [0.994]
90 POS	28.43 [1.119]
100 POS	31.61 [1.244]

TABLE 8

LEADSTYLE	"N"
-03.5	3.86 [0.152]
-07.5	7.86 [0.309]

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DESCRIPTION:
ADF6 ASSEMBLY

DWG. NO.
ADF6-XXX-XX.X-XXX-X-X-XR

BY: J RUZZI 6/10/2016 SHEET 2 OF 3

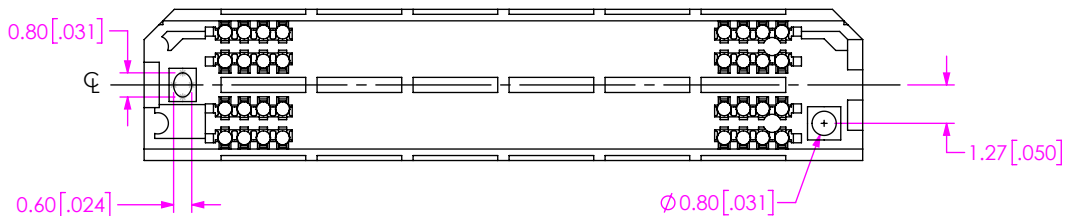
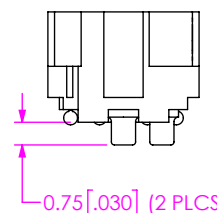
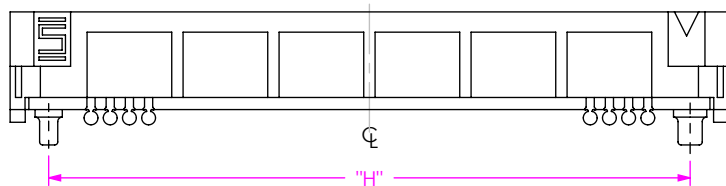
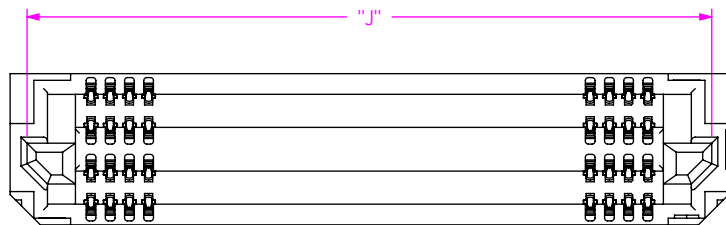


TABLE 5

No OF POS PER ROW	"H"
-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]

TABLE 6

No OF POS PER ROW	"J"
-10	9.945 [0.3915]
-20	16.295 [0.6415]
-30	22.645 [0.8915]
-40	28.995 [1.1415]
-50	35.345 [1.3915]

FIG 3
 -A: ALIGNMENT PIN
 ADF6-30-03.5-XXX-4-X-A-XR SHOWN
 (SAME AS FIG 1, EXCEPT AS SHOWN)
 (SOME CENTER FEATURES REMOVED FOR CLARITY)

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DESCRIPTION:
 ADF6 ASSEMBLY

DWG. NO.
 ADF6-XXX-XX.X-XXX-X-X-XR

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