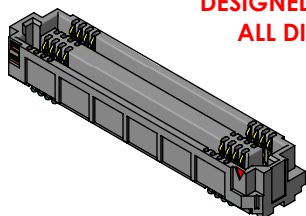


DESIGNED AND DIMENSIONED IN MILLIMETERS [INCHES]
ALL DIMENSIONS REFERENCE EXCEPT AS SHOWN



DO NOT SCALE FROM THIS PRINT

ADF6-XXX-XX.X-XXX-4-X-X-XR

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

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

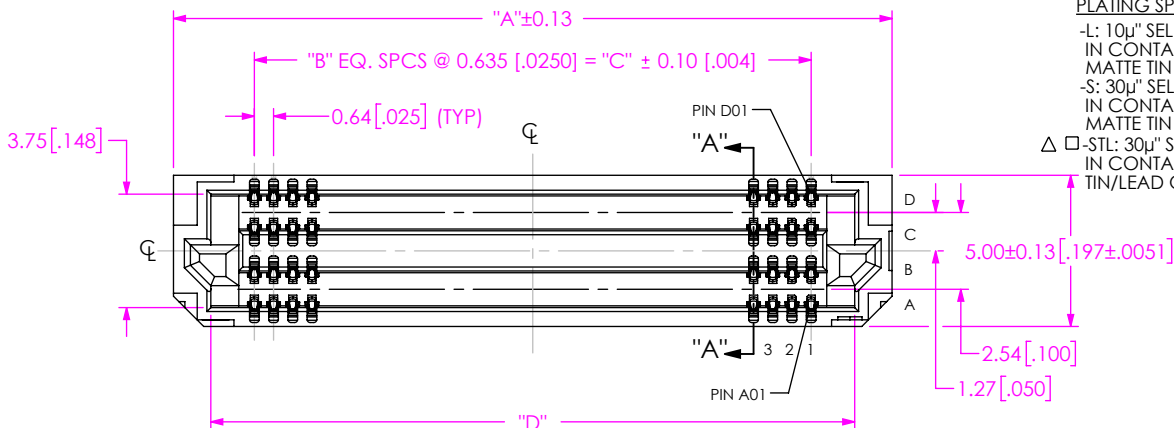
PLATING SPECIFICATION
-L: 10μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-S: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
△ □-STL: 30μ" SELECTIVE GOLD IN CONTACT AREA, TIN/LEAD ON SOLDER TAIL.

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

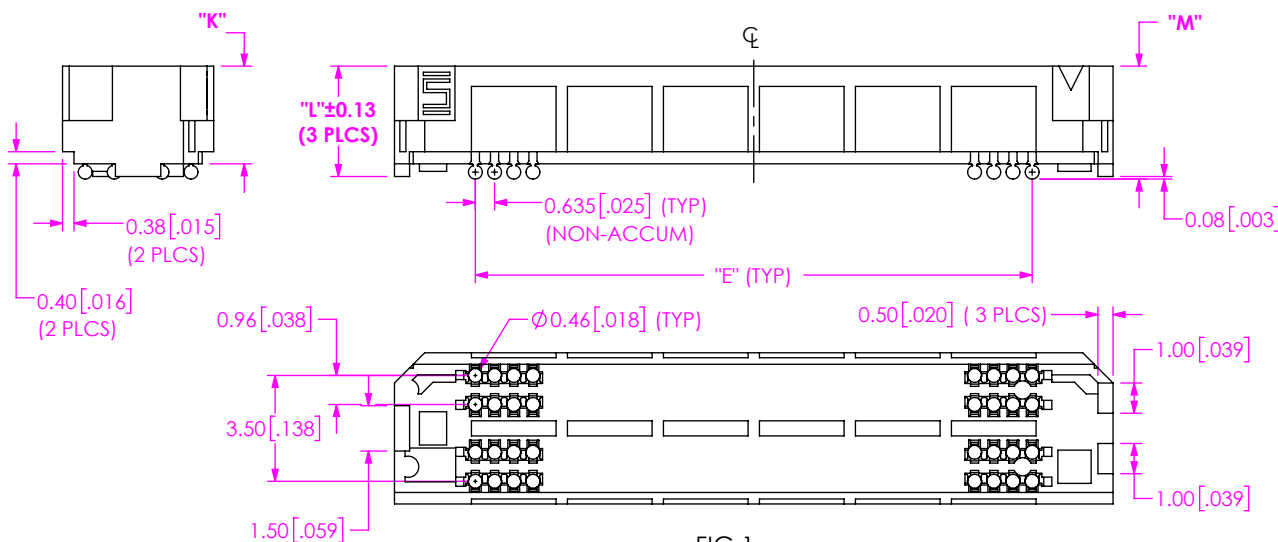
SOLDER BALL COMPOSITION
△ □-1: 63.0% TIN/37.0% LEAD
-2: 96.5% TIN/3.0% SILVER/ 0.5% COPPER

4 ROW

(* = NOT TOOLED)
(** = NOT RELEASED)
(□ = ONLY AVAILABLE IN -03.5 LEAD STYLE)
(△ = 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]

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

NOTES:

- NOTE DELETED.
- TAPE & REEL IS STANDARD PACKAGING.
- NOTE DELETED.
- NOTE DELETED.
- ATTACH LABEL-4X2 TO EACH REEL.
- K-DOT PROVIDED AS STANDARD.
- ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.

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SHEET SCALE: 4:1
MATERIAL:
INSULATOR: LCP, COLOR BLACK
CONTACT: COPPER ALLOY

DESCRIPTION:
ADF6 ASSEMBLY

DWG. NO.
ADF6-XXX-XX.X-XXX-4-X-X-XR

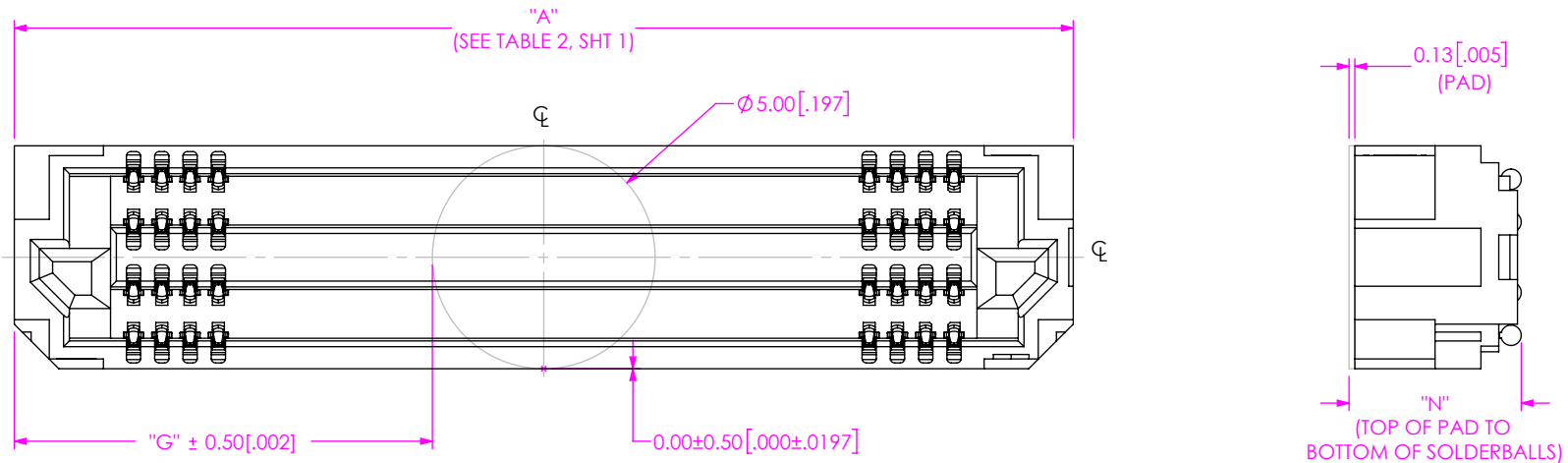


FIG 2
POLYIMIDE PAD
ADF6-30-03.5-XXX-4-X-XR SHOWN
(SOME CENTER FEATURES REMOVED FOR CLARITY)

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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DO NOT SCALE DRAWING

SHEET SCALE: 4:1

DESCRIPTION: **ADF6 ASSEMBLY**
DWG. NO. **ADF6-XXX-XX.X-XXX-4-X-XR**
BY: J RUZZI 6/10/2016 SHEET 2 OF 3

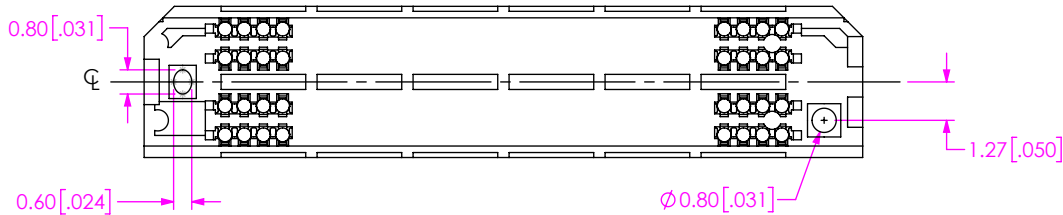
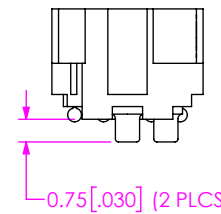
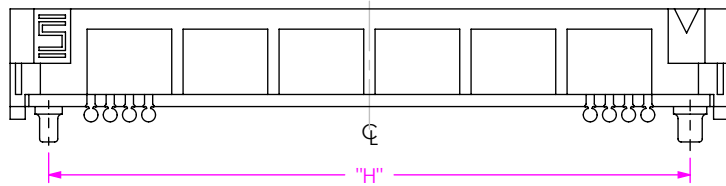
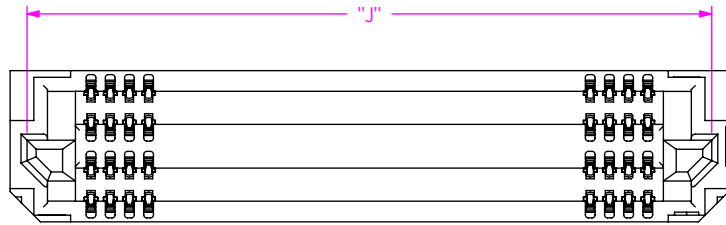


TABLE 5

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]
-60	41.695 [1.6415]
-70	48.045 [1.8915]
-80	54.395 [2.1415]
-90	60.745 [2.3915]
-100	67.095 [2.6415]

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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SHEET SCALE: 4:1

DESCRIPTION: ADF6 ASSEMBLY

DWG. NO. ADF6-XXX-XX.X-XXX-4-X-X-XR

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