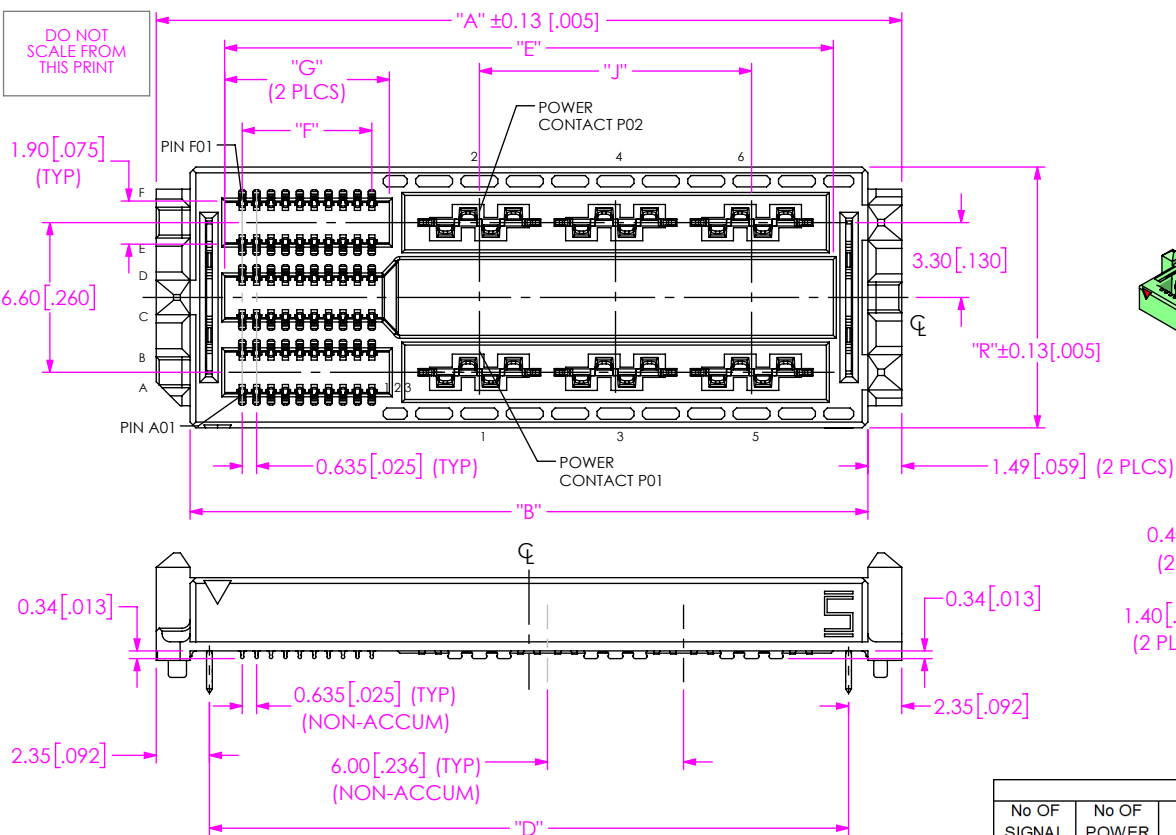




No OF SIGNAL POSITIONS
-10, -20, -30, -40 (PER ROW)

No OF POWER POSITIONS
-2, -3, -4, -5 (PER ROW)

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

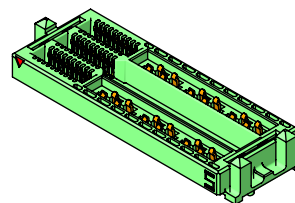
PACKAGING (SEE NOTES 1, 3 & 4)
-TR: TAPE & REEL
-FR: FULL REEL QTY TAPE & REEL

WELD TAB OPTION
*SM: SURFACE MOUNT
-TH: THRU HOLE

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

PLATING SPECIFICATION

-L: 10μ" SELECTIVE GOLD
IN CONTACT AREA,
MATTE TIN ON TAIL
MATTE TIN ON WELD TAB
-S: 30μ" SELECTIVE GOLD
IN CONTACT AREA,
MATTE TIN ON TAIL
MATTE TIN ON WELD TAB
**-STL: 30μ" SELECTIVE GOLD
IN CONTACT AREA,
TIN/LEAD ON SOLDER TAIL
TIN/LEAD ON SOLDER WELD TAB.



(* = NOT TOOLED)
(** = NOT RELEASED)

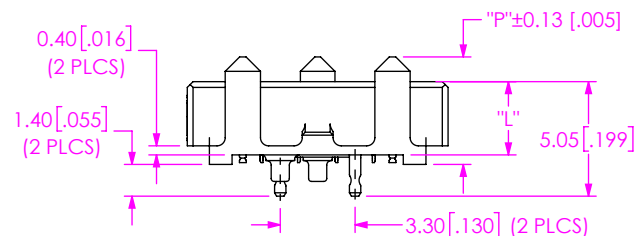


TABLE 2		
No OF SIGNAL POS PER ROW	"F"	"G"
-10	5.715 [0.2250]	7.265 [0.2860]
-20	12.065 [0.4750]	13.615 [0.5360]
-30	18.415 [0.7250]	19.965 [0.7860]
-40	24.765 [0.9750]	26.315 [1.0360]

TABLE 3			
No OF POWER POS PER ROW	"H"	"J"	"K"
-2	13.22 [0.520]	6.00 [0.236]	12.595 [0.4959]
-3	19.22 [0.757]	12.00 [0.472]	18.595 [0.7321]
-4	25.22 [0.993]	18.00 [0.709]	24.595 [0.9683]
-5	31.22 [1.229]	24.00 [0.945]	30.595 [1.2045]

TABLE 4		
LEADSTYLE	"L"	"P"
-03.5	3.230 [0.1272]	4.74 [0.187]
-07.5	7.230 [0.2846]	8.74 [0.344]

TABLE 1								
No OF SIGNAL POS PER ROW	No OF POWER POS PER ROW	"A"	"B"	"C"	"D"	"E"	"R"	NOTE
-10	-2	26.875 [1.0581]	23.890 [0.9406]	25.01 [0.985]	22.184 [0.8734]	20.84 [0.820]	10.75 [0.423]	SEE SHT 3, FIG 5
-20	-2	33.225 [1.3081]	30.240 [1.1906]	31.36 [1.235]	28.534 [1.1234]	27.19 [1.070]	11.50 [0.453]	SEE FIG 1
-30	-2	39.575 [1.5581]	36.590 [1.4406]	37.71 [1.485]	34.884 [1.3734]	33.54 [1.320]	11.50 [0.453]	SEE FIG 1
-40	-2	45.925 [1.8081]	42.940 [1.6906]	44.06 [1.735]	41.234 [1.6234]	39.89 [1.570]	10.75 [0.423]	SEE SHT 3, FIG 5
-10	-3	32.875 [1.2943]	29.890 [1.1768]	31.01 [1.221]	28.184 [1.1096]	26.84 [1.057]	11.50 [0.453]	SEE FIG 1
-20	-3	39.225 [1.5443]	36.240 [1.4268]	37.36 [1.471]	34.534 [1.3596]	33.19 [1.307]	11.50 [0.453]	SEE FIG 1
-30	-3	45.575 [1.7943]	42.590 [1.6768]	43.71 [1.721]	40.884 [1.6096]	39.54 [1.557]	11.50 [0.453]	SEE FIG 1
-40	-3	51.925 [2.0443]	48.940 [1.9268]	50.06 [1.971]	47.234 [1.8596]	45.89 [1.807]	11.50 [0.453]	SEE FIG 1
-10	-4	38.875 [1.5305]	35.890 [1.4130]	37.01 [1.457]	34.184 [1.3458]	32.84 [1.293]	10.75 [0.423]	SEE SHT 3, FIG 5
-20	-4	45.225 [1.7805]	42.240 [1.6630]	43.36 [1.707]	40.534 [1.5958]	39.19 [1.543]	11.50 [0.453]	SEE FIG 1
-30	-4	51.575 [2.0305]	48.590 [1.9130]	49.71 [1.957]	46.884 [1.8458]	45.54 [1.793]	11.50 [0.453]	SEE FIG 1
-40	-4	57.925 [2.2805]	54.940 [2.1630]	56.06 [2.207]	53.234 [2.0958]	51.89 [2.043]	10.75 [0.423]	SEE SHT 3, FIG 5
-10	-5	44.875 [1.7667]	41.890 [1.6492]	43.01 [1.693]	40.184 [1.5820]	38.84 [1.529]	11.50 [0.453]	SEE FIG 1
-20	-5	51.225 [2.0167]	48.240 [1.8992]	49.36 [1.943]	46.534 [1.8320]	45.19 [1.779]	11.50 [0.453]	SEE FIG 1
-30	-5	57.575 [2.2667]	54.590 [2.1492]	55.71 [2.193]	52.884 [2.0820]	51.54 [2.029]	11.50 [0.453]	SEE FIG 1
-40	-5	63.925 [2.5167]	60.940 [2.3992]	62.06 [2.443]	59.234 [2.3320]	57.89 [2.279]	11.50 [0.453]	SEE FIG 1

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

DESCRIPTION: UDF6 ASSEMBLY
DWG. NO. UDF6-XX-X-XX.X-XXX-X-XX-XR

BY: TOBIN Q 2/20/2023 SHEET 1 OF 4

NOTES:

1. TAPE & REEL IS STANDARD PACKAGING.
2. K-DOT PROVIDED AS STANDARD.
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. NOTED DELETED.

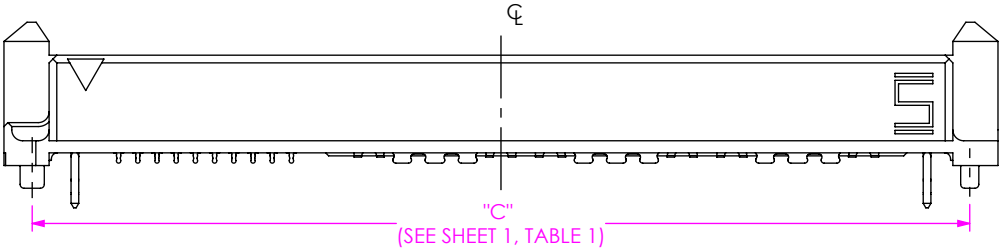
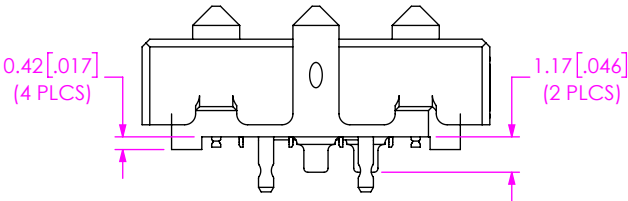


FIG 2
-A: ALIGNMENT PIN
UDF6-10-3-03.5-XXX-A-TH-XR SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)

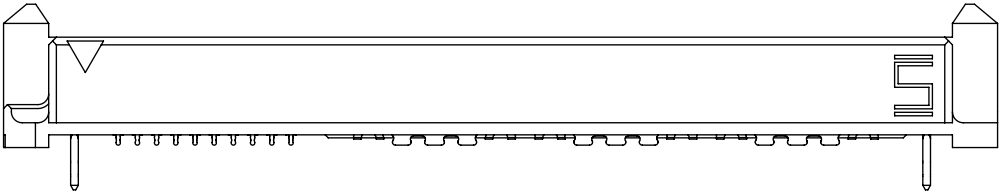
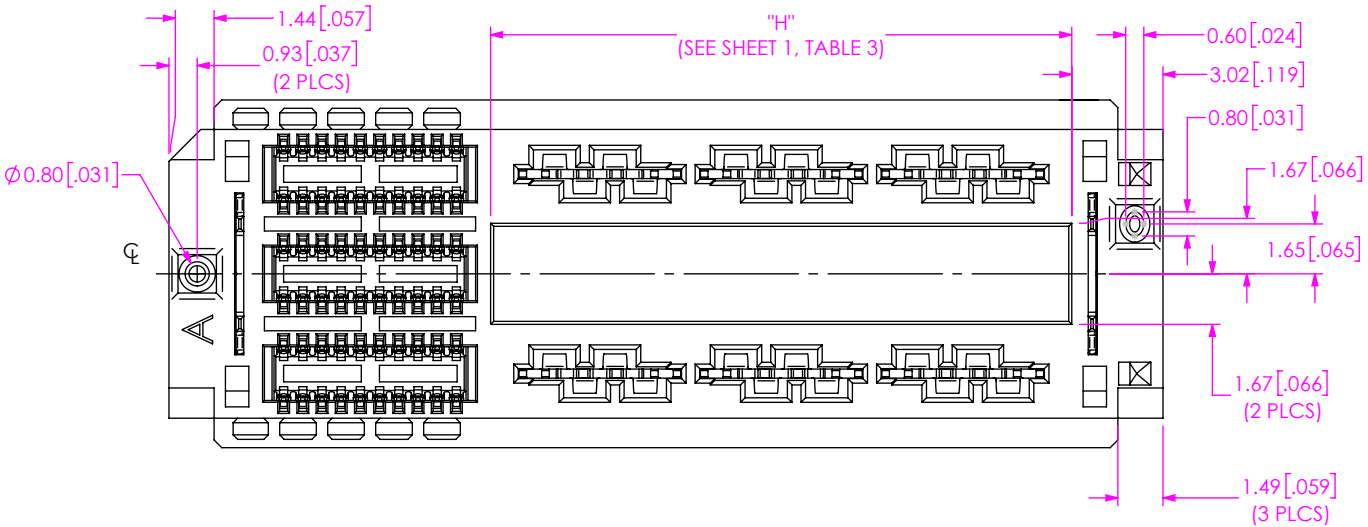


FIG 3
*BLANK: NO ALIGNMENT PIN
(UDF6-10-3-03.5-XXX-TH-XR SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOWN)

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	DO NOT SCALE DRAWING SHEET SCALE: 5:1	DESCRIPTION: UDF6 ASSEMBLY DWG. NO. UDF6-XX-X-XX.X-XXX-X-XX-XR BY: TOBIN Q 2/20/2023 SHEET 2 OF 4

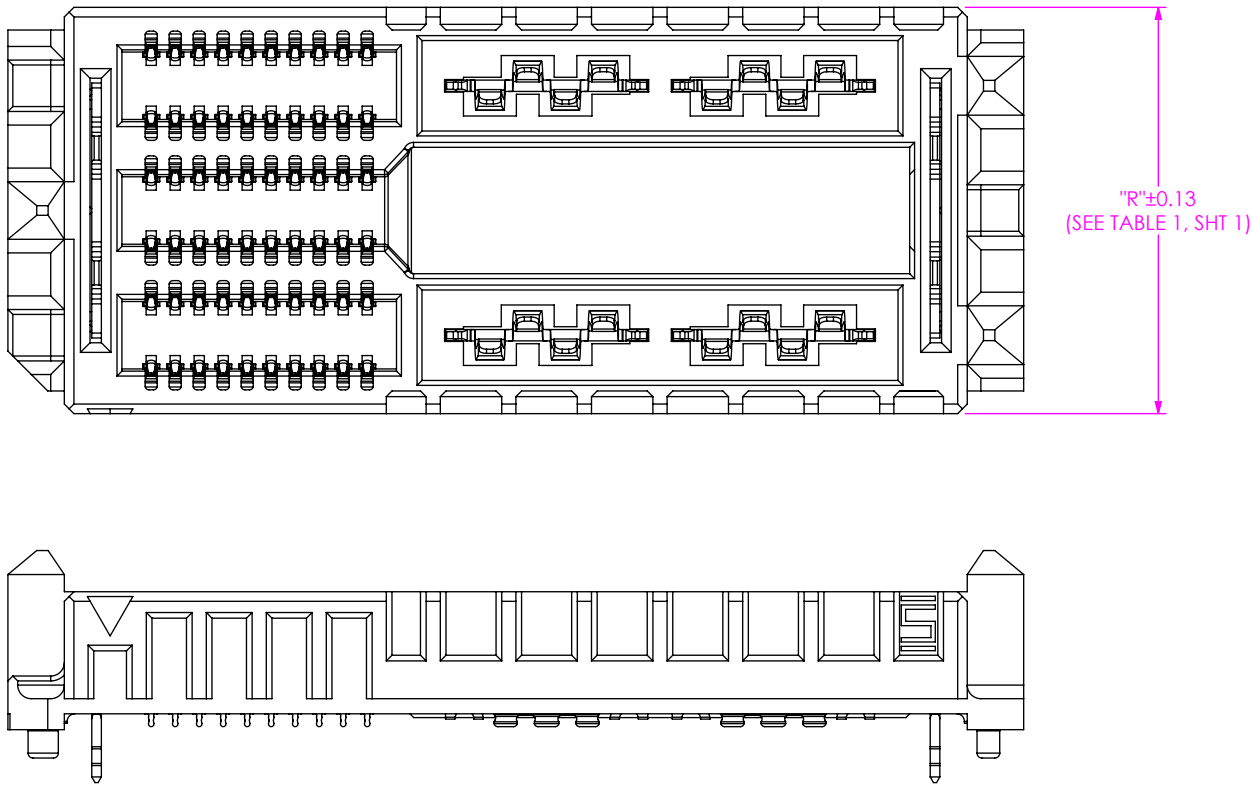


FIG 5
(UDF6-10-2-03.5-XXX-A-TH-XR SHOWN)
(SAME AS FIG 1, EXCEPT AS SHOWN)

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	DESCRIPTION: UDF6 ASSEMBLY DWG. NO. UDF6-XX-X-XX.X-XXX-X-XX-XR BY: TOBIN Q 2/20/2023 SHEET 3 OF 4		

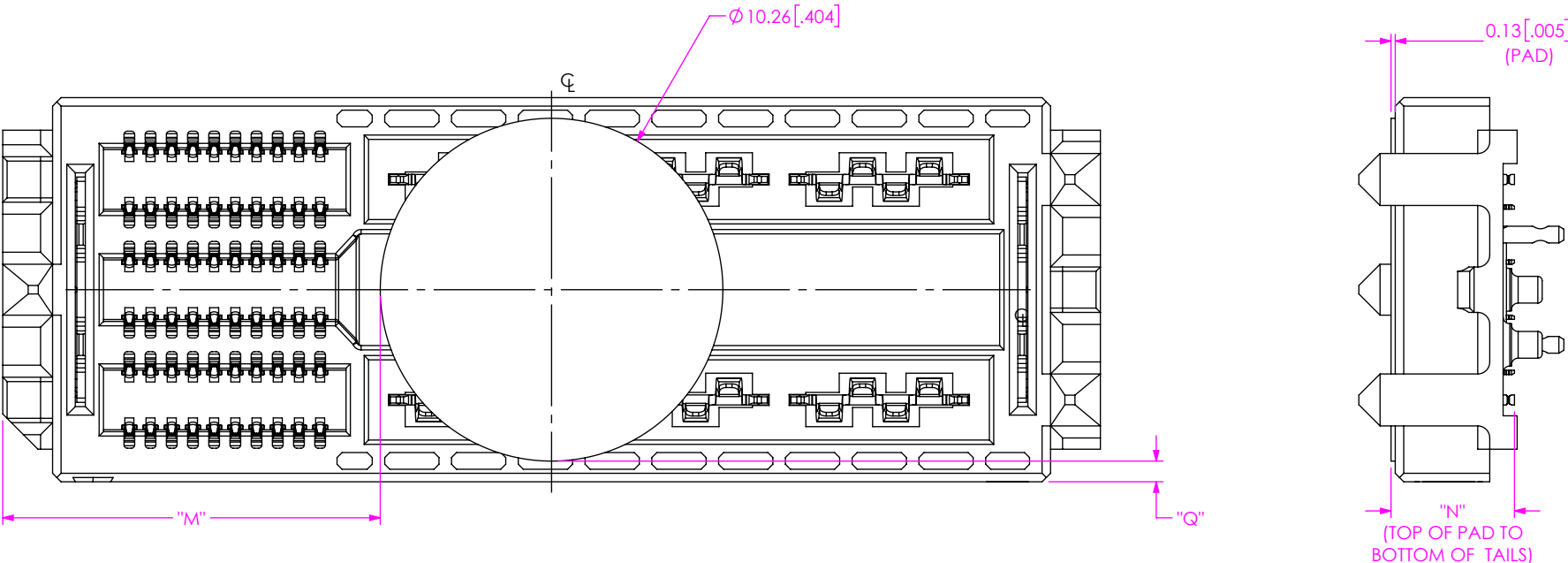


FIG 4
POLYIMIDE PAD
UDF6-10-3-03.5-XXX-A-TH-XR SHOWN
(SOME CENTER FEATURES REMOVED FOR CLARITY)

TABLE 5			
No OF SIGNAL POS PER ROW	No OF POWER POS PER ROW	"M"	"Q"
-10	-2	8.31 [0.327]	0.24 [0.009]
-20	-2	11.48 [0.452]	0.62 [0.024]
-30	-2	14.66 [0.577]	0.62 [0.024]
-40	-2	17.83 [0.702]	0.24 [0.009]
-10	-3	11.31 [0.445]	0.62 [0.024]
-20	-3	14.48 [0.570]	0.62 [0.024]
-30	-3	17.66 [0.695]	0.62 [0.024]
-40	-3	20.83 [0.820]	0.62 [0.024]
-10	-4	14.31 [0.563]	0.24 [0.009]
-20	-4	15.98 [0.629]	0.62 [0.024]
-30	-4	20.66 [0.813]	0.62 [0.024]
-40	-4	23.83 [0.938]	0.24 [0.009]
-10	-5	17.31 [0.681]	0.62 [0.024]
-20	-5	20.48 [0.806]	0.62 [0.024]
-30	-5	23.66 [0.931]	0.62 [0.024]
-40	-5	26.83 [1.056]	0.62 [0.024]

TABLE 6	
LEADSTYLE	"N"
-03.5	3.697 [0.1456]
-07.5	7.697 [0.3030]

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SHEET SCALE: 4:1

DESCRIPTION:
UDF6 ASSEMBLY

DWG. NO.
UDF6-XX-X-XX.X-XXX-X-XX-XR

BY: TOBIN Q 2/20/2023 SHEET 4 OF 4