

DESIGNED & DIMENSIONED
IN MILLIMETERS [INCHES]

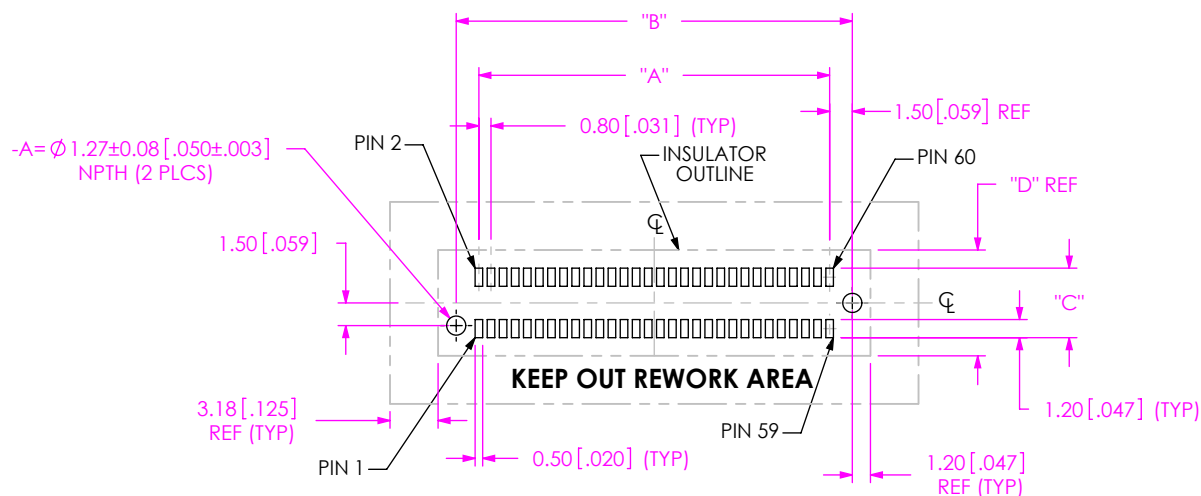


FIG 1
-030 POSITION SHOWN
USE FOR -010, -020, & -030 POSITIONS WITH -A OPTION

POSITION	"A"	"B"
-010	7.20 [0.283]	10.20 [0.402]
-020	15.20 [0.598]	18.20 [0.717]
-030	23.20 [0.913]	26.20 [1.031]

MATING CARD THICKNESS TYPE	"C"	"D"
-01	4.60 [0.181]	7.00 [0.276]
-03	5.39 [0.212]	7.79 [0.307]

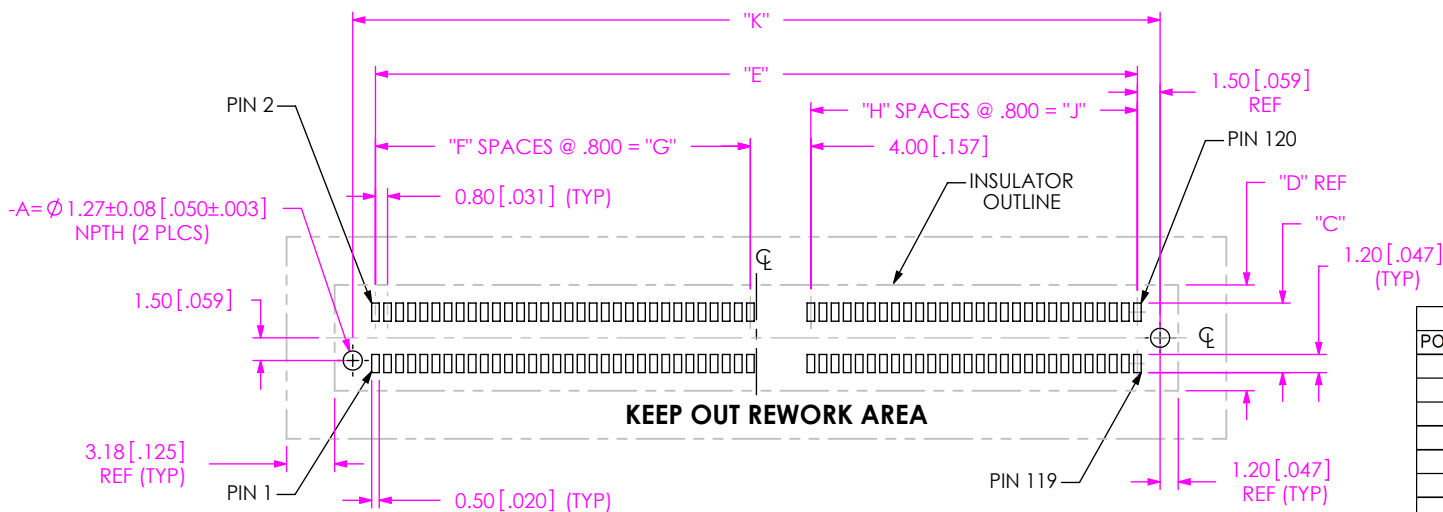


FIG 2
-060 POSITION SHOWN
USE FOR -009, -013, -025, -037, -40, -049, -050, -60, -070, -080, -090, & -100 POSITIONS WITH -A OPTION

POSITION	"E"	"F"	"G"	"H"	"J"	"K"
-009	9.60 [0.378]	3	2.40 [0.094]	4	3.20 [0.126]	N/A
-013	12.80 [0.504]	5	4.00 [0.157]	6	4.80 [0.189]	15.80 [0.622]
-025	22.40 [0.882]	5	4.00 [0.157]	18	14.40 [0.567]	25.40 [1.000]
-037	32.00 [1.260]	20	16.00 [0.630]	15	12.00 [0.472]	35.00 [1.378]
-040	34.40 [1.354]	21	16.80 [0.661]	17	13.60 [0.535]	37.40 [1.472]
-049	41.60 [1.638]	26	20.80 [0.819]	21	16.80 [0.661]	44.60 [1.756]
-050	42.40 [1.669]	26	20.80 [0.819]	22	17.60 [0.693]	45.40 [1.787]
-060	50.40 [1.984]	31	24.80 [0.976]	27	21.60 [0.850]	53.40 [2.102]
-070	58.40 [2.299]	31	24.80 [0.976]	37	29.60 [1.165]	61.40 [2.417]
-080	66.40 [2.614]	31	24.80 [0.976]	47	37.60 [1.480]	69.40 [2.732]
-090	74.40 [2.929]	31	24.80 [0.976]	57	45.60 [1.795]	77.40 [3.047]
-100	82.40 [3.244]	31	24.80 [0.976]	67	53.60 [2.110]	85.40 [3.362]

NOTES

1. POSITIONS -009, -013, -025, -037 & -049 ONLY AVAILABLE WITH -01 CARD THICKNESS.
2. POSITIONS -070, -080, -090 & -100 ONLY AVAILABLE WITH -01 & -03 CARD THICKNESS.
3. FOR APPLICATIONS REQUIRING INVERTED REFLOW SOLDERING, USE OF AN EPOXY ADHESIVE IS RECOMMENDED.

F:\dwg\misc\mktg\footprint\HTEC8-1XXX-XX-XX-DV-X-XX-FOOTPRINT.SLDDRW

TOLERANCES ARE:
DECIMALS
X.X: ± 0.3[0.1]
X.XX: ± 0.10[0.04]
X.XXX: ± 0.05[0.0020]

ANGLES
2°

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-WT & -BL= $\varnothing 0.84 \pm 0.08$ [.033 \pm .003]
PTH (2 PLCS)
(TO BE SOLDERED USING
PASTE-IN-HOLE TECHNOLOGY)

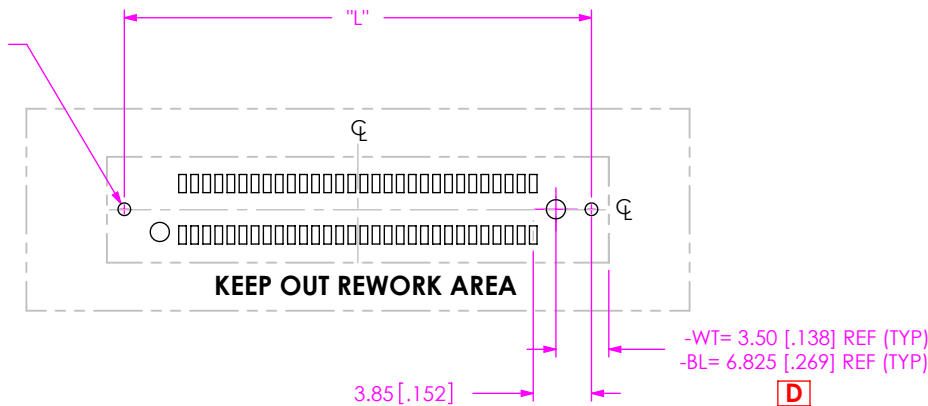


TABLE 4

POSITION	"L"
-010	14.90 [0.587]
-020	22.90 [0.902]
-030	30.90 [1.217]

FIG 3
-030 POSITION SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)
USE FOR -010, -020 OR -030 POSITIONS WITH -WT & -BL OPTION

D

-WT & -BL = $\varnothing 0.84 \pm 0.08$ [.033 \pm .003]
PTH (2 PLCS)
(TO BE SOLDERED USING
PASTE-IN-HOLE TECHNOLOGY)

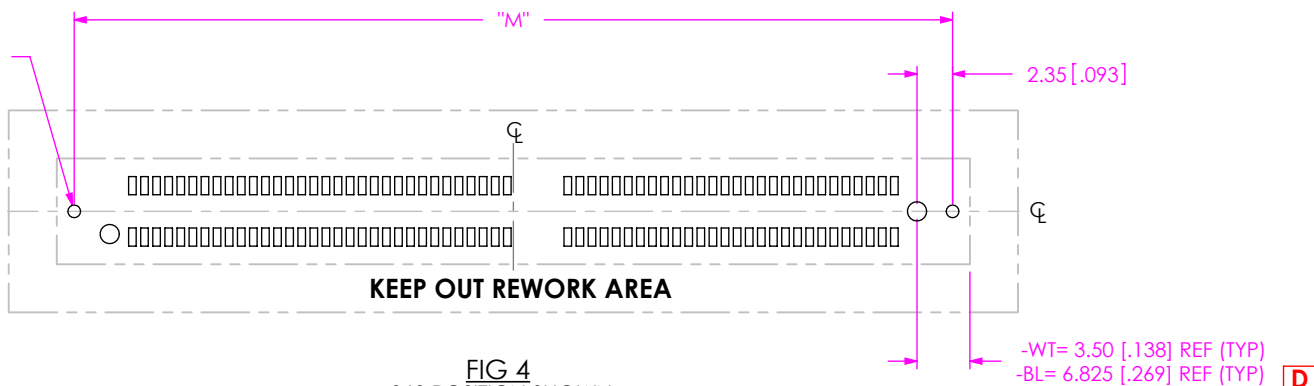


TABLE 5

POSITION	"M"
-009	17.30 [0.681]
-013	20.50 [0.807]
-025	30.10 [1.185]
-037	39.70 [1.563]
-040	42.10 [1.657]
-049	49.30 [1.941]
-050	50.10 [1.972]
-060	58.10 [2.287]
-070	66.10 [2.602]
-080	74.10 [2.917]
-090	82.10 [3.232]
-100	90.10 [3.547]

FIG 4
-060 POSITION SHOWN
(SAME AS FIG 2, EXCEPT AS SHOWN)
USE FOR -009, -013, -025, -037, -040, -049, -050, -060, -070, -080, -090 & -100 POSITIONS WITH -WT & -BL OPTION

D

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NOTE: STENCIL TO BE 0.15[.006] THICK.

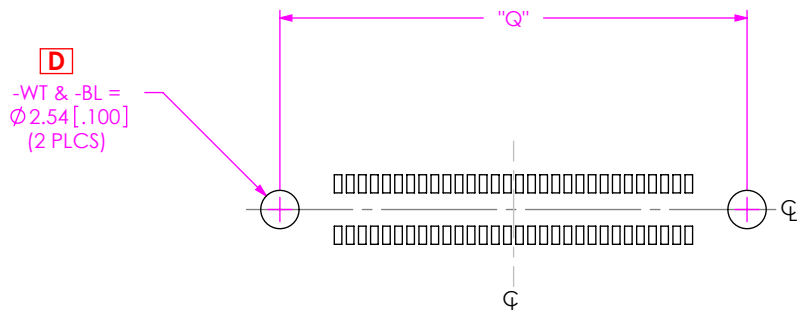


TABLE 8	
POSITION	"Q"
-010	14.90 [0.587]
-020	22.90 [0.902]
-030	30.90 [1.217]

FIG 7
 -030 POSITION SHOWN
 (SAME AS FIG 1, EXCEPT AS SHOWN)
USE FOR -010, -020 OR -030 POSITIONS WITH -WT & -BL OPTION

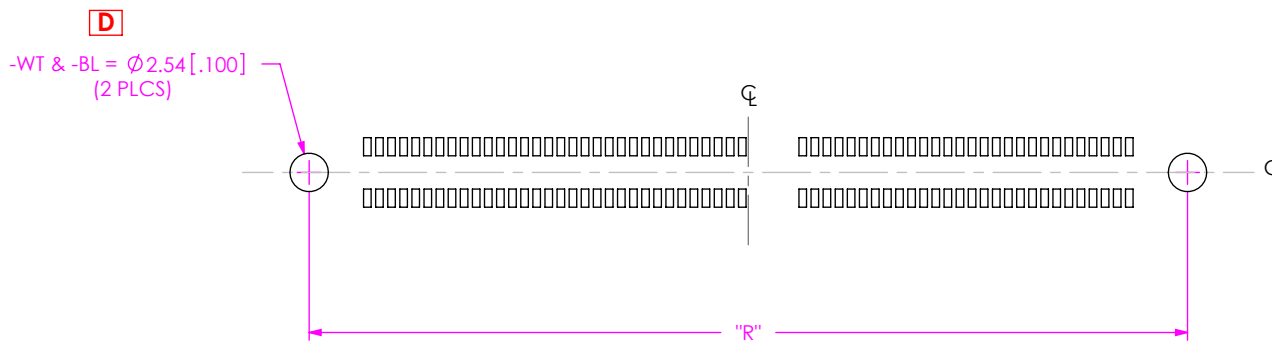


TABLE 9	
POSITION	"R"
-009	17.30 [0.681]
-013	20.50 [0.807]
-025	30.10 [1.185]
-037	39.70 [1.563]
-040	42.10 [1.657]
-049	49.30 [1.941]
-050	50.10 [1.972]
-060	58.10 [2.287]
-070	66.10 [2.602]
-080	74.10 [2.917]
-090	82.10 [3.232]
-100	90.10 [3.547]

FIG 8
 -060 POSITION SHOWN
 (SAME AS FIG 2, EXCEPT AS SHOWN)
**USE FOR -009, -013, -025, -037, -040, -049, -050, -060
 -070, -080, -090 & -100 POSITIONS WITH -WT & -BL OPTION**

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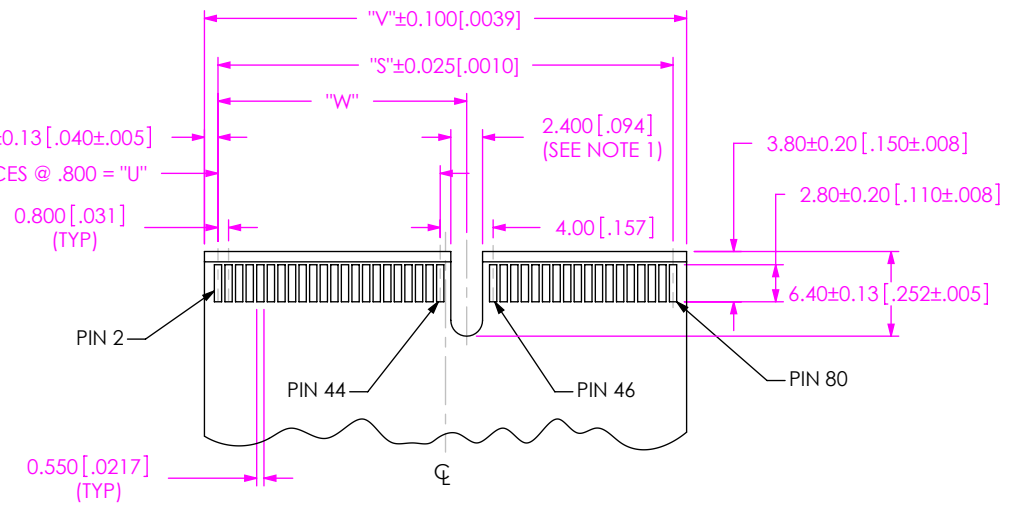
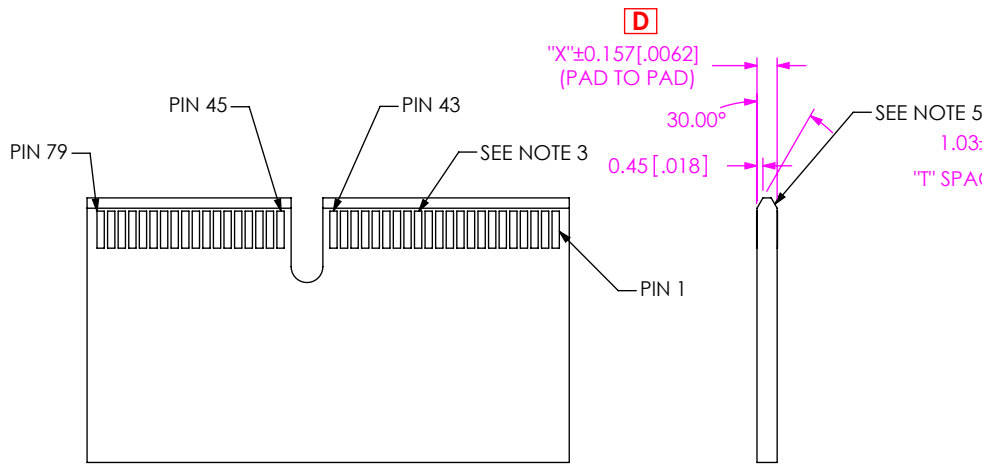


FIG 9
-040 POSITION SHOWN

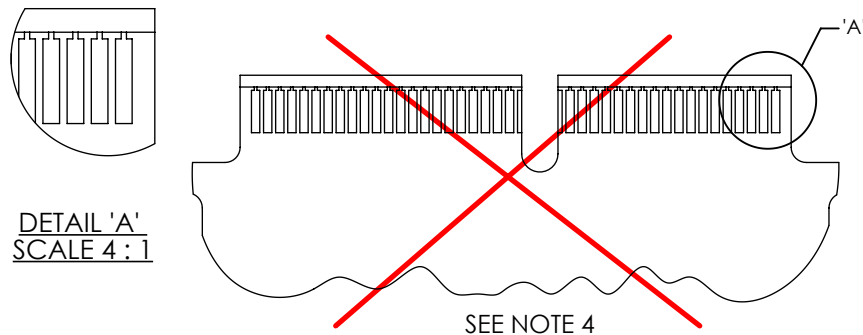


TABLE 10

POSITION	"S"	"T"	"U"	"V"	"W"
-009	9.60 [0.378]	3	2.40 [0.094]	11.65 [0.459]	4.40 [0.173]
-010	7.20 [0.283]	N/A	N/A	9.25 [0.364]	N/A
-013	12.80 [0.504]	5	4.00 [0.157]	14.85 [0.585]	6.00 [0.236]
-020	15.20 [0.598]	N/A	N/A	17.25 [0.679]	N/A
-025	22.40 [0.882]	5	4.00 [0.157]	24.45 [0.963]	6.00 [0.236]
-030	23.20 [0.913]	N/A	N/A	25.25 [0.994]	N/A
-037	32.00 [1.260]	20	16.00 [0.630]	34.05 [1.341]	18.00 [0.709]
-040	34.40 [1.354]	21	16.80 [0.661]	36.45 [1.435]	18.80 [0.740]
-049	41.60 [1.638]	26	20.80 [0.819]	43.65 [1.719]	22.80 [0.898]
-050	42.40 [1.669]	26	20.80 [0.819]	44.45 [1.750]	22.80 [0.898]
-060	50.40 [1.984]	31	24.80 [0.976]	52.45 [2.065]	26.80 [1.055]
-070	58.40 [2.299]	31	24.80 [0.976]	60.45 [2.380]	26.80 [1.055]
-080	66.40 [2.614]	31	24.80 [0.976]	68.45 [2.695]	26.80 [1.055]
-090	74.40 [2.929]	31	24.80 [0.976]	76.45 [3.010]	26.80 [1.055]
-100	82.40 [3.244]	31	24.80 [0.976]	84.45 [3.325]	26.80 [1.055]

TABLE 11

MATING CARD THICKNESS TYPE	"X"
-01	1.570 [0.062]
-03	2.360 [0.093]

NOTES:

- 010, -020 AND -030 CARDS HAVE NO SLOT.
- ALL DIMENSIONS ARE SYMMETRIC ABOUT THE CENTERLINE.
- PLATING TO BE .000030 INCHES GOLD WITH A HARDNESS OF 130-200 KNOOP PER ASTM B 488 TYPE 2, GRADE C.
- FOR PROPER CONTACT REGISTRATION, PLATING BUS TIES TO BE THE WIDTH OF THE EDGE FINGER.
- CHAMFER RECOMMENDED BUT MAY NOT BE REQUIRED DEPENDING ON APPLICATION.

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