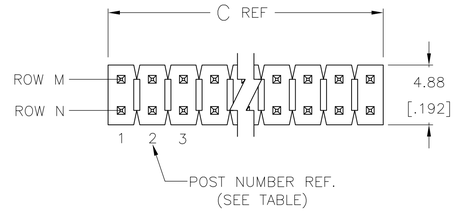
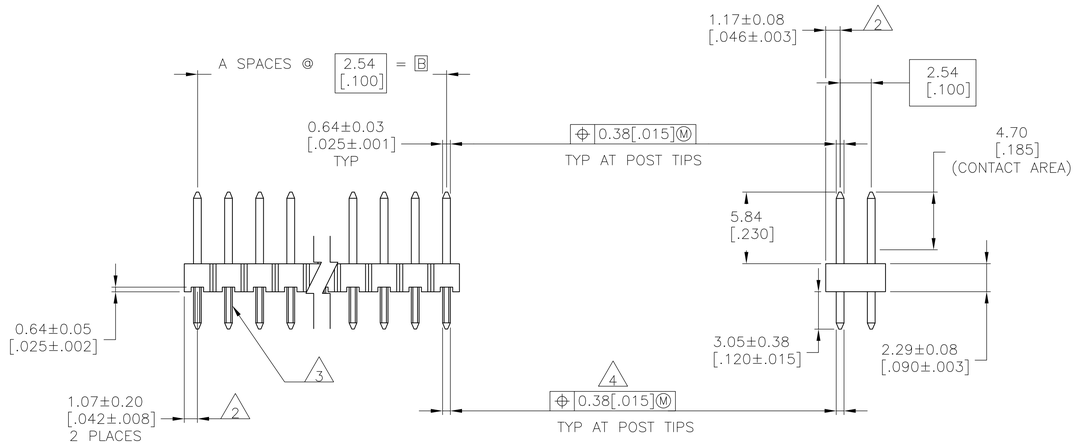
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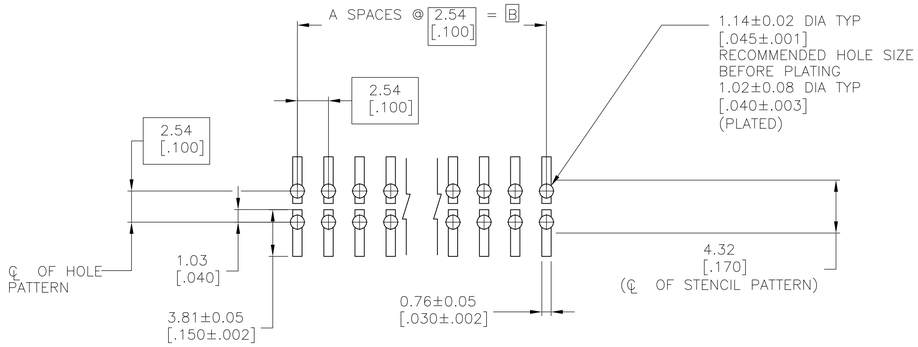
LOC	DIST
AD	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	H	REVISED PER ECO-14-000255	14JUL2014	NK	MM







RECOMMENDED PC BOARD MOUNTING DIMENSIONS
FOR .063[1.60] THICK PC BOARD AND
.012[.305] STENCIL THICK

1. TRUE POSITION TOLERANCE OF THE POST TIPS APPLIES WHEN THE HEADER IS HELD FLAT AGAINST THE PRINTED CIRCUIT BOARD.

△2 THE NOTED DIMENSIONS APPLY AT THE INTERSECTION OF THE POST AND HOUSING.

△3 RETENTION FEATURES ON SOLDER TAILS, LOCATED AT MANUFACTURERS OPTION.

△4 ⌖ 0.51[.020] Ⓜ FOR KINKED TAILS.

△5 HOUSING: LCP, COLOR-BLACK.
POST: COPPER ALLOY.

△6 0.000381 [.000015] GOLD IN CONTACT AREA,
0.00254-0.00508 [.0000100-.0000200] MATTE TIN-LEAD ON SOLDER TAIL,
ALL OVER 0.00127 [.000050] NICKEL.

△7 0.000381 [.000015] GOLD IN CONTACT AREA,
0.00254-0.00508 [.0000100-.0000200] MATTE TIN ON SOLDER TAIL,
ALL OVER 0.00127 [.000050] NICKEL.

△8 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

	△7	△6	PLATING	C	B	A	NO. OF POSITIONS	PART NUMBER
	△7	△6		101.19 [3.984]	99.06 [3.900]	39	80	9-146268-0
△8	△7	△6		98.65 [3.884]	96.52 [3.800]	38	78	~~8-146268-9~~
△8	△7	△6		96.11 [3.784]	93.98 [3.700]	37	76	~~8-146268-8~~
△8	△7	△6		93.57 [3.684]	91.44 [3.600]	36	74	~~8-146268-7~~
△8	△7	△6		91.03 [3.584]	88.90 [3.500]	35	72	~~8-146268-6~~
△8	△7	△6		88.49 [3.484]	86.36 [3.400]	34	70	~~8-146268-5~~
△8	△7	△6		85.95 [3.384]	83.82 [3.300]	33	68	~~8-146268-4~~
△8	△7	△6		83.41 [3.284]	81.28 [3.200]	32	66	~~8-146268-3~~
△8	△7	△6		80.87 [3.184]	78.74 [3.100]	31	64	~~8-146268-2~~
△8	△7	△6		78.33 [3.084]	76.20 [3.000]	30	62	~~8-146268-1~~
△8	△7	△6		75.79 [2.984]	73.66 [2.900]	29	60	~~8-146268-0~~
△8	△7	△6		73.25 [2.884]	71.12 [2.800]	28	58	~~7-146268-9~~
△8	△7	△6		70.71 [2.784]	68.58 [2.700]	27	56	~~7-146268-8~~
△8	△7	△6		68.17 [2.684]	66.04 [2.600]	26	54	~~7-146268-7~~
△8	△7	△6		65.63 [2.584]	63.5 [2.500]	25	52	~~7-146268-6~~
△8	△7	△6		63.09 [2.484]	60.96 [2.400]	24	50	~~7-146268-5~~
△8	△7	△6		60.55 [2.384]	58.42 [2.300]	23	48	~~7-146268-4~~
△8	△7	△6		58.01 [2.284]	55.88 [2.200]	22	46	~~7-146268-3~~
△8	△7	△6		55.47 [2.184]	53.34 [2.100]	21	44	~~7-146268-2~~
△8	△7	△6		52.93 [2.084]	50.80 [2.000]	20	42	~~7-146268-1~~
△8	△7	△6		50.39 [1.984]	48.26 [1.900]	19	40	~~7-146268-0~~
△8	△7	△6		47.85 [1.884]	45.72 [1.800]	18	38	~~6-146268-9~~
△8	△7	△6		45.31 [1.784]	43.18 [1.700]	17	36	~~6-146268-8~~
△8	△7	△6		42.77 [1.684]	40.64 [1.600]	16	34	~~6-146268-7~~
	△7	△6		40.23 [1.584]	38.10 [1.500]	15	32	6-146268-6
△8	△7	△6		37.69 [1.484]	35.56 [1.400]	14	30	~~6-146268-5~~
	△7	△6		35.15 [1.384]	33.02 [1.300]	13	28	6-146268-4
△8	△7	△6		32.61 [1.284]	30.48 [1.200]	12	26	~~6-146268-3~~
△8	△7	△6		30.07 [1.184]	27.94 [1.100]	11	24	~~6-146268-2~~
	△7	△6		27.53 [1.084]	25.40 [1.000]	10	22	6-146268-1
	△7	△6		24.99 [.984]	22.86 [.900]	9	20	6-146268-0
△8	△7	△6		22.45 [.884]	20.32 [.800]	8	18	~~5-146268-9~~
	△7	△6		19.91 [.784]	17.78 [.700]	7	16	5-146268-8
△8	△7	△6		17.37 [.684]	15.24 [.600]	6	14	~~5-146268-7~~
	△7	△6		14.83 [.584]	12.70 [.500]	5	12	5-146268-6
	△7	△6		12.29 [.484]	10.16 [.400]	4	10	5-146268-5
	△7	△6		9.75 [.384]	7.62 [.300]	3	8	5-146268-4
	△7	△6		7.21 [.284]	5.08 [.200]	2	6	5-146268-3
	△7	△6		4.67 [.184]	2.54 [.100]	1	4	5-146268-2
	△7	△6		2.13 [.084]	- [-]	-	2	5-146268-1
	△7	△6	PLATING	C	B	A	NO. OF POSITIONS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± 0.51[.02]
3 PLC ± 0.127[.005]
4 PLC ± 0.0127[.0005]
ANGLES ±

MATERIAL △5

FINISH SEE TABLE

DWN	T. HOFFMAN	08MAY95
CHK	G. DUBNICZKI	04MAR96
APVD	G. DUBNICZKI	04MAR96

TE Connectivity

NAME: HEADER ASSEMBLY, MOD II , BREAKAWAY,DOUBLE ROW, .100 X.100 CL , VERTICAL, WITH RETENTION FEATURE, .025 SQ.POSTS, HIGH TEMPERATURE

PRODUCT SPEC -

APPLICATION SPEC -

WEIGHT -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-146268	-

CUSTOMER DRAWING

SCALE 4:1 SHEET 1 OF 1 REV H