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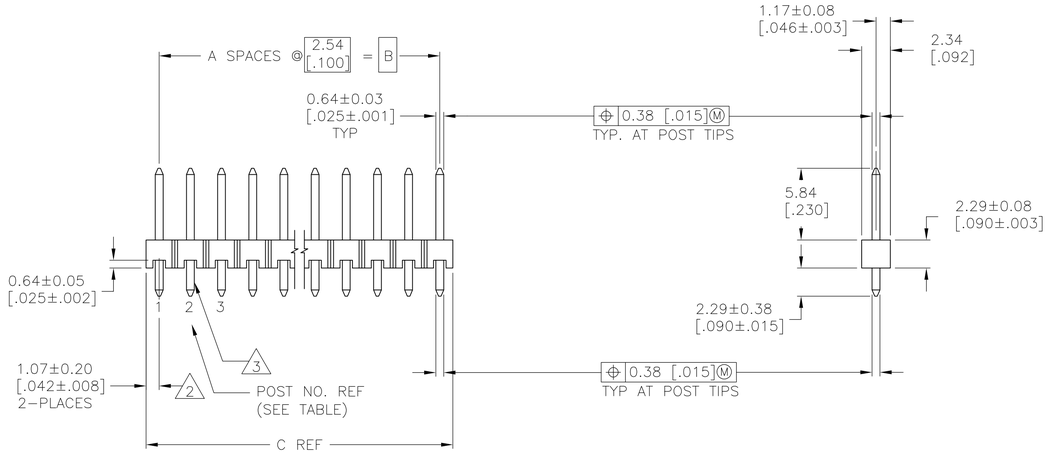
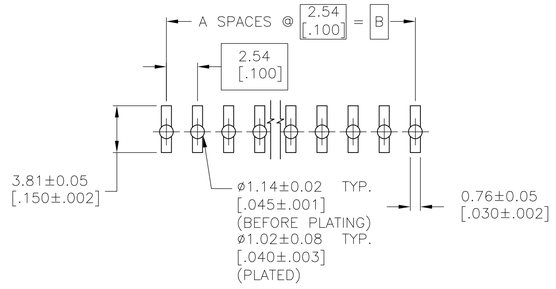
LOC	DIST
AD	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	K	REVISED PER ECO-14-000255	15JUL2014	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 0.00254 – 0.00504 [.000100 – .000200] MATTE TIN–LEAD, ALL OVER 0.00127 [.000050] NICKEL

5 HOUSING: LCP, COLOR: BLACK
POSTS: COPPER ALLOY.

6 0.00254 – 0.00504 [.000100 – .000200] MATTE TIN, ALL OVER 0.00127 [.000050] NICKEL

7 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

PLATING	C	B	A	NO. OF POSITIONS	PART NUMBER
6	101.19 [3.984]	99.06 [3.900]	39	40	9-146294-0
6	98.65 [3.884]	96.52 [3.800]	38	39	8-146294-9
6	96.11 [3.784]	93.98 [3.700]	37	38	8-146294-8
6	93.57 [3.684]	91.44 [3.600]	36	37	8-146294-7
6	91.03 [3.584]	88.90 [3.500]	35	36	8-146294-6
6	88.49 [3.484]	86.36 [3.400]	34	35	8-146294-5
6	85.95 [3.384]	83.82 [3.300]	33	34	8-146294-4
6	83.41 [3.284]	81.28 [3.200]	32	33	8-146294-3
6	80.87 [3.184]	78.74 [3.100]	31	32	8-146294-2
6	78.33 [3.084]	76.20 [3.000]	30	31	8-146294-1
6	75.79 [2.984]	73.66 [2.900]	29	30	8-146294-0
6	73.25 [2.884]	71.12 [2.800]	28	29	7-146294-9
6	70.71 [2.784]	68.58 [2.700]	27	28	7-146294-8
6	68.17 [2.684]	66.04 [2.600]	26	27	7-146294-7
6	65.63 [2.584]	63.5 [2.500]	25	26	7-146294-6
6	63.09 [2.484]	60.96 [2.400]	24	25	7-146294-5
6	60.55 [2.384]	58.42 [2.300]	23	24	7-146294-4
6	58.01 [2.284]	55.88 [2.200]	22	23	7-146294-3
6	55.47 [2.184]	53.34 [2.100]	21	22	7-146294-2
6	52.93 [2.084]	50.80 [2.000]	20	21	7-146294-1
6	50.39 [1.984]	48.26 [1.900]	19	20	7-146294-0
6	47.85 [1.884]	45.72 [1.800]	18	19	6-146294-9
6	45.31 [1.784]	43.18 [1.700]	17	18	6-146294-8
6	42.77 [1.684]	40.64 [1.600]	16	17	6-146294-7
6	40.23 [1.584]	38.10 [1.500]	15	16	6-146294-6
6	37.69 [1.484]	35.56 [1.400]	14	15	6-146294-5
6	35.15 [1.384]	33.02 [1.300]	13	14	6-146294-4
6	32.61 [1.284]	30.48 [1.200]	12	13	6-146294-3
6	30.07 [1.184]	27.94 [1.100]	11	12	6-146294-2
6	27.53 [1.084]	25.4 [1.000]	10	11	6-146294-1
6	24.99 [.984]	22.86 [.900]	9	10	6-146294-0
6	22.45 [.884]	20.32 [.800]	8	9	5-146294-9
6	19.91 [.784]	17.78 [.700]	7	8	5-146294-8
6	17.37 [.684]	15.24 [.600]	6	7	5-146294-7
6	14.83 [.584]	12.70 [.500]	5	6	5-146294-6
6	12.29 [.484]	10.16 [.400]	4	5	5-146294-5
6	9.75 [.384]	7.62 [.300]	3	4	5-146294-4
6	7.21 [.284]	5.08 [.200]	2	3	5-146294-3

7 OBSOLETE

PLATING	C	B	A	NO. OF POSITIONS	PART NUMBER
4	101.19 [3.984]	99.06 [3.900]	39	40	4-146294-0
4	98.65 [3.884]	96.52 [3.800]	38	39	3-146294-9
4	96.11 [3.784]	93.98 [3.700]	37	38	3-146294-8
4	93.57 [3.684]	91.44 [3.600]	36	37	3-146294-7
4	91.03 [3.584]	88.90 [3.500]	35	36	3-146294-6
4	88.49 [3.484]	86.36 [3.400]	34	35	3-146294-5
4	85.95 [3.384]	83.82 [3.300]	33	34	3-146294-4
4	83.41 [3.284]	81.28 [3.200]	32	33	3-146294-3
4	80.87 [3.184]	78.74 [3.100]	31	32	3-146294-2
4	78.33 [3.084]	76.20 [3.000]	30	31	3-146294-1
4	75.79 [2.984]	73.66 [2.900]	29	30	3-146294-0
4	73.25 [2.884]	71.12 [2.800]	28	29	2-146294-9
4	70.71 [2.784]	68.58 [2.700]	27	28	2-146294-8
4	68.17 [2.684]	66.04 [2.600]	26	27	2-146294-7
4	65.63 [2.584]	63.5 [2.500]	25	26	2-146294-6
4	63.09 [2.484]	60.96 [2.400]	24	25	2-146294-5
4	60.55 [2.384]	58.42 [2.300]	23	24	2-146294-4
4	58.01 [2.284]	55.88 [2.200]	22	23	2-146294-3
4	55.47 [2.184]	53.34 [2.100]	21	22	2-146294-2
4	52.93 [2.084]	50.80 [2.000]	20	21	2-146294-1
4	50.39 [1.984]	48.26 [1.900]	19	20	2-146294-0
4	47.85 [1.884]	45.72 [1.800]	18	19	1-146294-9
4	45.31 [1.784]	43.18 [1.700]	17	18	1-146294-8
4	42.77 [1.684]	40.64 [1.600]	16	17	1-146294-7
4	40.23 [1.584]	38.10 [1.500]	15	16	1-146294-6
4	37.69 [1.484]	35.56 [1.400]	14	15	1-146294-5
4	35.15 [1.384]	33.02 [1.300]	13	14	1-146294-4
4	32.61 [1.284]	30.48 [1.200]	12	13	1-146294-3
4	30.07 [1.184]	27.94 [1.100]	11	12	1-146294-2
4	27.53 [1.084]	25.40 [1.000]	10	11	1-146294-1
4	24.99 [.984]	22.86 [.900]	9	10	1-146294-0
4	22.45 [.884]	20.32 [.800]	8	9	146294-9
4	19.91 [.784]	17.78 [.700]	7	8	146294-8
4	17.37 [.684]	15.24 [.600]	6	7	146294-7
4	14.83 [.584]	12.70 [.500]	5	6	146294-6
4	12.29 [.484]	10.16 [.400]	4	5	146294-5
4	9.75 [.384]	7.62 [.300]	3	4	146294-4
4	7.21 [.284]	5.08 [.200]	2	3	146294-3
4	4.67 [.184]	2.54 [.100]	1	2	146294-2
OBSOLETE	2.13 [.084]	– [–]	0	1	146294-1

7 OBSOLETE

SUPERSEDED BY 146270-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± 0.5 [.02]
3 PLC ± 0.127 [.005]
4 PLC ± 0.0127 [.0005]
ANGLES ± –

MATERIAL 5

FINISH SEE TABLE

DWN T. HOFFMAN 06DEC95
CHK G. DUBNICZKI 01FEB96
APVD G. DUBNICZKI 01FEB96

TE Connectivity

NAME HEADER ASSEMBLY, MOD II, BREAKAWAY, SINGLE ROW, HIGH TEMPERATURE, VERTICAL WITH RETENTION FEATURE , W/.025 SQ. POSTS, .100 C/L

PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT –

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-146294	–

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 | REV K