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LOC	DIST
AD	00

REVISIONS

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

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

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

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

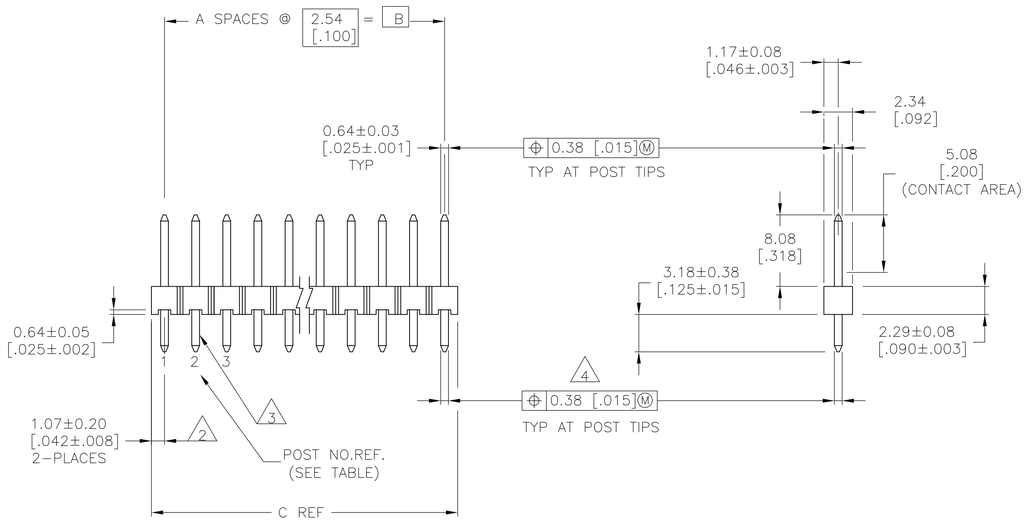
4. ⌖ .020Ⓜ FOR KINKED TAILS.

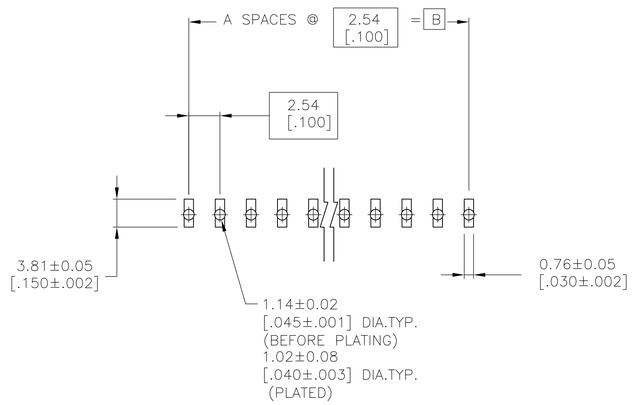
5. 0.000762 [.000030] GOLD IN CONTACT AREA, 0.00254–0.00504 [.000100–.000200] MATTE TIN–LEAD ON SOLDER TAIL, ALL OVER 0.00127 [.000050] NICKEL.

6. HOUSING: LCP, COLOR–BLACK.
POSTS: COPPER ALLOY.

7. 0.000762 [.000030] GOLD IN CONTACT AREA, 0.00254–0.00504 [.000100–.000200] MATTE TIN ON SOLDER TAIL, ALL OVER 0.00127 [.000050] NICKEL.

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





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

	PLATING	C	B	A	NO. OF POSITIONS	PART NUMBER
	7	101.19 [3.984]	99.06 [3.900]	39	40	9–146289–0
OBSOLETE	7	98.65 [3.884]	96.52 [3.800]	38	39	8–146289–9
	7	96.11 [3.784]	93.98 [3.700]	37	38	8–146289–8
	7	93.57 [3.684]	91.44 [3.600]	36	37	8–146289–7
	7	91.03 [3.584]	88.90 [3.500]	35	36	8–146289–6
	7	88.49 [3.484]	86.36 [3.400]	34	35	8–146289–5
	7	85.95 [3.384]	83.82 [3.300]	33	34	8–146289–4
	7	83.41 [3.284]	81.28 [3.200]	32	33	8–146289–3
	7	80.87 [3.184]	78.74 [3.100]	31	32	8–146289–2
	7	78.33 [3.084]	76.20 [3.000]	30	31	8–146289–1
	7	75.79 [2.984]	73.66 [2.900]	29	30	8–146289–0
	7	73.25 [2.884]	71.12 [2.800]	28	29	7–146289–9
	7	70.71 [2.784]	68.58 [2.700]	27	28	7–146289–8
	7	68.17 [2.684]	66.04 [2.600]	26	27	7–146289–7
	7	65.63 [2.584]	63.5 [2.500]	25	26	7–146289–6
	7	63.09 [2.484]	60.96 [2.400]	24	25	7–146289–5
	7	60.55 [2.384]	58.42 [2.300]	23	24	7–146289–4
OBSOLETE	7	58.01 [2.284]	55.88 [2.200]	22	23	7–146289–3
	7	55.47 [2.184]	53.34 [2.100]	21	22	7–146289–2
	7	52.93 [2.084]	50.80 [2.000]	20	21	7–146289–1
	7	50.39 [1.984]	48.26 [1.900]	19	20	7–146289–0
	7	47.85 [1.884]	45.72 [1.800]	18	19	6–146289–9
	7	45.31 [1.784]	43.18 [1.700]	17	18	6–146289–8
	7	42.77 [1.684]	40.64 [1.600]	16	17	6–146289–7
	7	40.23 [1.584]	38.10 [1.500]	15	16	6–146289–6
	7	37.69 [1.484]	35.56 [1.400]	14	15	6–146289–5
	7	35.15 [1.384]	33.02 [1.300]	13	14	6–146289–4
	7	32.61 [1.284]	30.48 [1.200]	12	13	6–146289–3
	7	30.07 [1.184]	27.94 [1.100]	11	12	6–146289–2
	7	27.53 [1.084]	25.40 [1.000]	10	11	6–146289–1
	7	24.99 [.984]	22.86 [.900]	9	10	6–146289–0
OBSOLETE	7	22.45 [.884]	20.32 [.800]	8	9	5–146289–9
	7	19.91 [.784]	17.78 [.700]	7	8	5–146289–8
	7	17.37 [.684]	15.24 [.600]	6	7	5–146289–7
	7	14.83 [.584]	12.70 [.500]	5	6	5–146289–6
	7	12.29 [.484]	10.16 [.400]	4	5	5–146289–5
	7	9.75 [.384]	7.62 [.300]	3	4	5–146289–4
OBSOLETE	7	7.21 [.284]	5.08 [.200]	2	3	5–146289–3

	PLATING	C	B	A	NO. OF POSITIONS	PART NUMBER
	5	101.19 [3.984]	99.06 [3.900]	39	40	4–146289–0
OBSOLETE 8	5	98.65 [3.884]	96.52 [3.800]	38	39	3–146289–9
	5	96.11 [3.784]	93.98 [3.700]	37	38	3–146289–8
	5	93.57 [3.684]	91.44 [3.600]	36	37	3–146289–7
	5	91.03 [3.584]	88.90 [3.500]	35	36	3–146289–6
	5	88.49 [3.484]	86.36 [3.400]	34	35	3–146289–5
	5	85.95 [3.384]	83.82 [3.300]	33	34	3–146289–4
	5	83.41 [3.284]	81.28 [3.200]	32	33	3–146289–3
	5	80.87 [3.184]	78.74 [3.100]	31	32	3–146289–2
OBSOLETE 8	5	78.33 [3.084]	76.20 [3.000]	30	31	3–146289–1
	5	75.79 [2.984]	73.66 [2.900]	29	30	3–146289–0
	5	73.25 [2.884]	71.12 [2.800]	28	29	2–146289–9
	5	70.71 [2.784]	68.58 [2.700]	27	28	2–146289–8
	5	68.17 [2.684]	66.04 [2.600]	26	27	2–146289–7
	5	65.63 [2.584]	63.5 [2.500]	25	26	2–146289–6
	5	63.09 [2.484]	60.96 [2.400]	24	25	2–146289–5
	5	60.55 [2.384]	58.42 [2.300]	23	24	2–146289–4
OBSOLETE 8	5	58.01 [2.284]	55.88 [2.200]	22	23	2–146289–3
	5	55.47 [2.184]	53.34 [2.100]	21	22	2–146289–2
	5	52.93 [2.084]	50.80 [2.000]	20	21	2–146289–1
	5	50.39 [1.984]	48.26 [1.900]	19	20	2–146289–0
	5	47.85 [1.884]	45.72 [1.800]	18	19	1–146289–9
	5	45.31 [1.784]	43.18 [1.700]	17	18	1–146289–8
	5	42.77 [1.684]	40.64 [1.600]	16	17	1–146289–7
	5	40.23 [1.584]	38.10 [1.500]	15	16	1–146289–6
	5	37.69 [1.484]	35.56 [1.400]	14	15	1–146289–5
	5	35.15 [1.384]	33.02 [1.300]	13	14	1–146289–4
	5	32.61 [1.284]	30.48 [1.200]	12	13	1–146289–3
	5	30.07 [1.184]	27.94 [1.100]	11	12	1–146289–2
	5	27.53 [1.084]	25.40 [1.000]	10	11	1–146289–1
8 SUP BY 6–146289–0	5	24.99 [.984]	22.86 [.900]	9	10	1–146289–0
	5	22.45 [.884]	20.32 [.800]	8	9	146289–9
OBSOLETE 8	5	19.91 [.784]	17.78 [.700]	7	8	146289–8
	5	17.37 [.684]	15.24 [.600]	6	7	146289–7
	5	14.83 [.584]	12.70 [.500]	5	6	146289–6
	5	12.29 [.484]	10.16 [.400]	4	5	146289–5
8 SUP BY 5–146289–4	5	9.75 [.384]	7.62 [.300]	3	4	146289–4
8 OBSOLETE	5	7.21 [.284]	5.08 [.200]	2	3	146289–3
SUP BY 146265–1		4.67 [.184]	2.54 [.100]	1	2	146289–2
OBSOLETE		2.13 [.084]	– [–]	0	1	146289–1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL 6

FINISH SEE TABLE

DWN T. HOFFMAN 12/6/95
CHK G. DUBNICZKI 22/11/95
APVD G. DUBNICZKI 22/11/95

PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-146289	—

CUSTOMER DRAWING

SCALE	SHEET	REV
4:1	1 OF 1	H