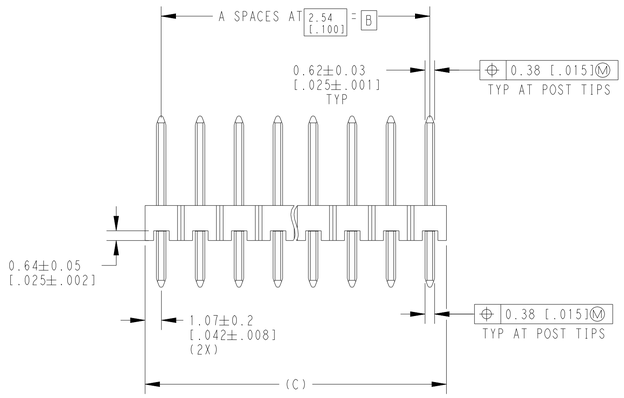
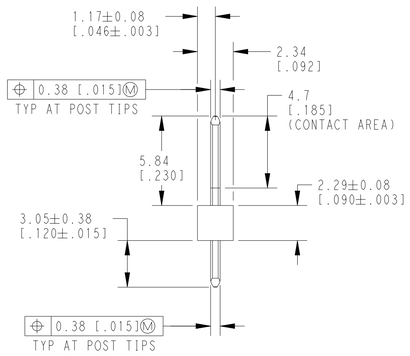
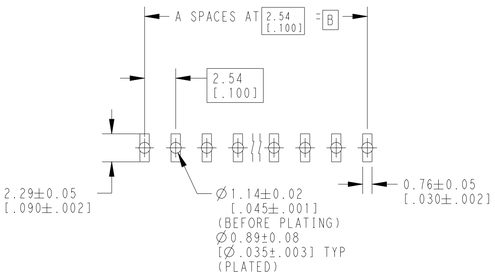
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	H4	REVISED PER ECN-23-194767	16JUN2023	RK	MF
	J	PLATING PLATING OPTIMIZATION (Au TO PdNi+Au FLASH)	12AUG2025	RS	GVP







RECOMMENDED PC BOARD MOUNTING DIMENSIONS
FOR 1.60[.063] THICK PC BOARD AND
0.305[.012] STENCIL THICK

1 ASSEMBLY MAY BE BROKEN TO THE DESIRED NUMBER OF POSITIONS.

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

△3 0.000381[.000015] GOLD IN CONTACT AREA,
0.00254-0.00508[.000100 -.000200] MATTE TIN-LEAD ON SOLDER TAIL,
ALL OVER 0.00127[.000050] NICKEL.

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

△5 0.00028 [.000011] PdNi+0.00010[.000004] Au FLASH ON CONTACT AREA,
0.00254-0.00508[.000100 -.000200] MATTE TIN ON SOLDER TAIL,
ALL OVER 0.00127[.000050] NICKEL,

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

△7 OBSOLETE

△5	101.19 [3.984]	99.06 [3.900]	39	40	9-146280-0
△5	98.65 [3.884]	96.52 [3.800]	38	39	8-146280-9
△5	96.11 [3.784]	93.98 [3.700]	37	38	8-146280-8
△5	93.57 [3.684]	91.44 [3.600]	36	37	8-146280-7
△5	91.03 [3.584]	88.90 [3.500]	35	36	8-146280-6
△5	88.49 [3.484]	86.36 [3.400]	34	35	8-146280-5
△5	85.95 [3.384]	83.82 [3.300]	33	34	8-146280-4
△5	83.41 [3.284]	81.28 [3.200]	32	33	8-146280-3
△5	80.87 [3.184]	78.74 [3.100]	31	32	8-146280-2
△5	78.33 [3.084]	76.20 [3.000]	30	31	8-146280-1
△5	75.79 [2.984]	73.66 [2.900]	29	30	~~8-146280-0~~ △7
△5	73.25 [2.884]	71.12 [2.800]	28	29	7-146280-9
△5	70.71 [2.784]	68.58 [2.700]	27	28	7-146280-8
△5	68.17 [2.684]	66.04 [2.600]	26	27	7-146280-7
△5	65.63 [2.584]	63.50 [2.500]	25	26	~~7-146280-6~~ △7
△5	63.09 [2.484]	60.96 [2.400]	24	25	7-146280-5
△5	60.55 [2.384]	58.42 [2.300]	23	24	7-146280-4
△5	58.01 [2.284]	55.88 [2.200]	22	23	7-146280-3
△5	55.47 [2.184]	53.34 [2.100]	21	22	7-146280-2
△5	52.93 [2.084]	50.80 [2.000]	20	21	7-146280-1
△5	50.39 [1.984]	48.56 [1.900]	19	20	7-146280-0
△5	47.85 [1.884]	45.72 [1.800]	18	19	6-146280-9
△5	45.31 [1.784]	43.18 [1.700]	17	18	6-146280-8
△5	42.77 [1.684]	40.64 [1.600]	16	17	6-146280-7
△5	40.23 [1.584]	38.10 [1.500]	15	16	6-146280-6
△5	37.69 [1.484]	35.56 [1.400]	14	15	6-146280-5
△5	35.15 [1.384]	33.02 [1.300]	13	14	6-146280-4
△5	32.61 [1.284]	30.48 [1.200]	12	13	6-146280-3
△5	30.07 [1.184]	27.94 [1.100]	11	12	~~6-146280-2~~ △7
△5	27.53 [1.084]	25.40 [1.000]	10	11	6-146280-1
△5	24.99 [.984]	22.86 [.900]	9	10	~~6-146280-0~~ △7
△5	22.45 [.884]	20.32 [.800]	8	9	5-146280-9
△5	19.91 [.784]	17.78 [.700]	7	8	5-146280-8
△5	17.37 [.684]	15.24 [.600]	6	7	5-146280-7
△5	14.83 [.584]	12.70 [.500]	5	6	5-146280-6
△5	12.29 [.484]	10.16 [.400]	4	5	5-146280-5
△5	9.75 [.384]	7.62 [.300]	3	4	5-146280-4
△5	7.21 [.284]	5.08 [.200]	2	3	5-146280-3
△5	4.67 [.184]	2.54 [.100]	1	2	5-146280-2
△5	2.13 [.084]	- [-]	0	1	5-146280-1
PLATING	C	B	A	NO. OF POSITIONS	PART NUMBER

△3	101.19 [3.984]	99.06 [3.900]	39	40	△7 ~~4-146280-0~~
△3	98.65 [3.884]	96.52 [3.800]	38	39	△6 ~~3-146280-9~~
△3	96.11 [3.784]	93.98 [3.700]	37	38	△6 ~~3-146280-8~~
△3	93.57 [3.684]	91.44 [3.600]	36	37	△6 ~~3-146280-7~~
△3	91.03 [3.584]	88.90 [3.500]	35	36	△6 ~~3-146280-6~~
△3	88.49 [3.484]	86.36 [3.400]	34	35	△6 ~~3-146280-5~~
△3	85.95 [3.384]	83.82 [3.300]	33	34	△6 ~~3-146280-4~~
△3	83.41 [3.284]	81.28 [3.200]	32	33	△6 ~~3-146280-3~~
△3	80.87 [3.184]	78.74 [3.100]	31	32	△6 ~~3-146280-2~~
△3	78.33 [3.084]	76.20 [3.000]	30	31	△6 ~~3-146280-1~~
△3	75.79 [2.984]	73.66 [2.900]	29	30	△6 ~~3-146280-0~~
△3	73.25 [2.884]	71.12 [2.800]	28	29	△6 ~~2-146280-9~~
△3	70.71 [2.784]	68.58 [2.700]	27	28	△6 ~~2-146280-8~~
△3	68.17 [2.684]	66.04 [2.600]	26	27	△6 ~~2-146280-7~~
△3	65.63 [2.584]	63.50 [2.500]	25	26	△6 ~~2-146280-6~~
△3	63.09 [2.484]	60.96 [2.400]	24	25	△6 ~~2-146280-5~~
△3	60.55 [2.384]	58.42 [2.300]	23	24	△6 ~~2-146280-4~~
△3	58.01 [2.284]	55.88 [2.200]	22	23	△6 ~~2-146280-3~~
△3	55.47 [2.184]	53.34 [2.100]	21	22	△6 ~~2-146280-2~~
△3	52.93 [2.084]	50.80 [2.000]	20	21	△6 ~~2-146280-1~~
△3	50.39 [1.984]	48.56 [1.900]	19	20	△6 ~~2-146280-0~~
△3	47.85 [1.884]	45.72 [1.800]	18	19	△6 ~~1-146280-9~~
△3	45.31 [1.784]	43.18 [1.700]	17	18	△6 ~~1-146280-8~~
△3	42.77 [1.684]	40.64 [1.600]	16	17	△6 ~~1-146280-7~~
△3	40.23 [1.584]	38.10 [1.500]	15	16	△6 ~~1-146280-6~~
△3	37.69 [1.484]	35.56 [1.400]	14	15	△6 ~~1-146280-5~~
△3	35.15 [1.384]	33.02 [1.300]	13	14	△6 ~~1-146280-4~~
△3	32.61 [1.284]	30.48 [1.200]	12	13	△6 ~~1-146280-3~~
△3	30.07 [1.184]	27.94 [1.100]	11	12	△6 ~~1-146280-2~~
△3	27.53 [1.084]	25.40 [1.000]	10	11	1-146280-1
△3	24.99 [.984]	22.86 [.900]	9	10	△6 ~~1-146280-0~~
△3	22.45 [.884]	20.32 [.800]	8	9	△6 ~~146280-9~~
△3	19.91 [.784]	17.78 [.700]	7	8	△7 ~~146280-8~~
△3	17.37 [.684]	15.24 [.600]	6	7	△6 ~~146280-7~~
△3	14.83 [.584]	12.70 [.500]	5	6	△6 ~~146280-6~~
△3	12.29 [.484]	10.16 [.400]	4	5	△6 ~~146280-5~~
△3	9.75 [.384]	7.62 [.300]	3	4	△6 ~~146280-4~~
△3	7.21 [.284]	5.08 [.200]	2	3	△6 ~~146280-3~~
△3	4.67 [.184]	2.54 [.100]	1	2	△7 ~~146280-2~~
△3	2.13 [.084]	- [-]	0	1	△6 ~~146280-1~~
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 △4

FINISH SEE TABLE

DWN T. HOFFMAN 6/12/95
CHK G. DUBNICZKI 3/18/96
APVD G. DUBNICZKI 3/18/96
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME HEADER ASSEMBLY, MOD II, BREAKAWAY, SINGLE ROW, HIGH TEM, VERTICAL W/.025 SQ POSTS, .100 CL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-146280	-

CUSTOMER DRAWING | SCALE 5:1 | SHEET 1 OF 1 | REV J