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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	G4	REVISED PER ECN-2-185269	18NOV2022	RK	MF
	H	PLATING PLATING OPTIMIZATION (Au TO PdNi+Au FLASH)	05AUG2025	RS	GVP

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

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

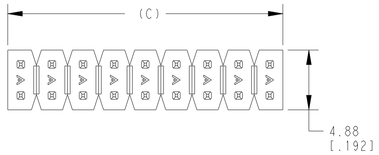
△3 THE NOTED DIMENSIONS APPLY AT THE INTERSECTION OF THE POST AND HOUSING.

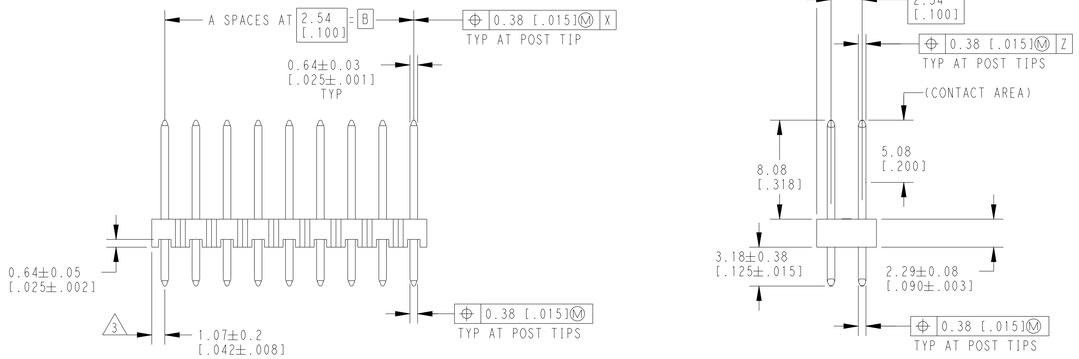
△4 PLATING: 0.000381 [.000015] GOLD ON CONTACT AREA, .00254-0.00508 [.000100 -.000200] MATTE TIN-LEAD ON SOLDER TAIL, ALL OVER 0.00127 [.000050] NICKEL.

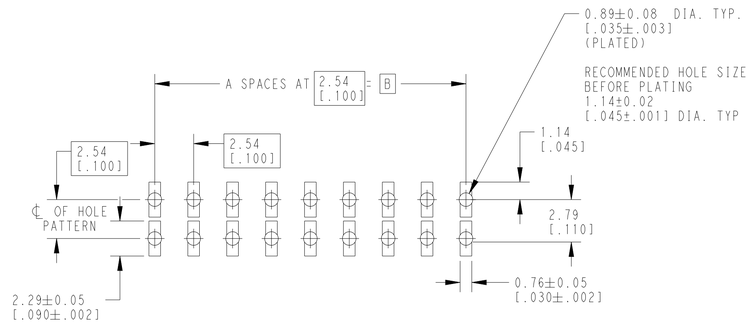
△5 HOUSING: LCP, COLOR-BLACK.
POST: COPPER ALLOY.

△6 PLATING:0.00028 [.000011] PdNi+0.00010[.000004] Au FLASH ON CONTACT AREA, .00254-0.00508 [.000100 -.000200] MATTE TIN ON SOLDER TAIL, ALL OVER 0.00127 [.000050] NICKEL.

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







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

	△6	101.19 [3.984]	99.06 [3.900]	39	80	9-146130-0
	△6	98.65 [3.884]	96.52 [3.800]	38	78	8-146130-9
	△6	96.11 [3.784]	93.98 [3.700]	37	76	8-146130-8
	△6	93.57 [3.684]	91.44 [3.600]	36	74	8-146130-7
	△6	91.03 [3.584]	88.90 [3.500]	35	72	8-146130-6
	△6	88.49 [3.484]	86.36 [3.400]	34	70	8-146252-5
	△6	85.95 [3.384]	83.82 [3.300]	33	68	8-146252-4
	△6	83.41 [3.284]	81.28 [3.200]	32	66	8-146252-3
OBSOLETE	△6	80.87 [3.184]	78.74 [3.100]	31	64	~~8-146252-2~~
OBSOLETE	△6	78.33 [3.084]	76.20 [3.000]	30	62	~~8-146252-1~~
OBSOLETE	△6	75.79 [2.984]	73.66 [2.900]	29	60	~~8-146252-0~~
	△6	73.25 [2.884]	71.12 [2.800]	28	58	7-146252-9
	△6	70.71 [2.784]	68.58 [2.700]	27	56	7-146252-8
	△6	68.17 [2.684]	66.04 [2.600]	26	54	7-146252-7
	△6	65.63 [2.584]	63.50 [2.500]	25	52	7-146252-6
	△6	63.09 [2.484]	60.96 [2.400]	24	50	7-146252-5
	△6	60.55 [2.384]	58.42 [2.300]	23	48	7-146252-4
	△6	58.01 [2.284]	55.88 [2.200]	22	46	7-146252-3
	△6	55.47 [2.184]	53.34 [2.100]	21	44	7-146252-2
	△6	52.93 [2.084]	50.80 [2.000]	20	42	7-146252-1
	△6	50.39 [1.984]	48.26 [1.900]	19	40	7-146252-0
	△6	47.85 [1.884]	45.72 [1.800]	18	38	6-146252-9
	△6	45.31 [1.784]	43.18 [1.700]	17	36	6-146130-8
OBSOLETE	△6	42.77 [1.684]	40.64 [1.600]	16	34	~~6-146252-7~~
	△6	40.23 [1.584]	38.10 [1.500]	15	32	6-146252-6
OBSOLETE	△6	37.69 [1.484]	35.56 [1.400]	14	30	~~6-146252-5~~
	△6	35.15 [1.384]	35.56 [1.300]	13	28	6-146252-4
	△6	32.61 [1.284]	33.02 [1.200]	12	26	6-146252-3
OBSOLETE	△6	30.07 [1.184]	30.48 [1.100]	11	24	~~6-146252-2~~
OBSOLETE	△6	27.53 [1.084]	27.94 [1.000]	10	22	~~6-146252-1~~
	△6	24.99 [.984]	25.40 [.900]	9	20	6-146252-0
	△6	22.45 [.884]	22.86 [.800]	8	18	5-146252-9
	△6	19.91 [.784]	20.32 [.700]	7	16	5-146252-8
	△6	17.37 [.684]	17.78 [.600]	6	14	5-146252-7
	△6	14.83 [.584]	15.24 [.500]	5	12	5-146252-6
	△6	12.29 [.484]	12.70 [.400]	4	10	5-146252-5
	△6	9.75 [.384]	10.16 [.300]	3	8	5-146252-4
	△6	7.21 [.284]	7.62 [.200]	2	6	5-146252-3
	△6	4.67 [.184]	5.08 [.100]	1	4	5-146252-2
	△6	2.13 [.084]	- [-]	0	2	5-146252-1
PLATING	C	B	A	NO OF POSN	PART NUMBER	

OBSOLETE	△4	101.19 [3.984]	99.06 [3.900]	39	80	~~4-146130-0~~
	△4	98.65 [3.884]	96.52 [3.800]	38	78	~~3-146130-9~~
	△4	96.11 [3.784]	93.98 [3.700]	37	76	~~3-146130-8~~
△7 OBSOLETE	△4	93.57 [3.684]	91.44 [3.600]	36	74	~~3-146130-7~~
	△4	91.03 [3.584]	88.90 [3.500]	35	72	~~3-146130-6~~
	△4	88.49 [3.484]	86.36 [3.400]	34	70	~~3-146252-5~~
	△4	85.95 [3.384]	83.82 [3.300]	33	68	~~3-146252-4~~
	△4	83.41 [3.284]	81.28 [3.200]	32	66	~~3-146252-3~~
△7 SUPERCEDED	△4	80.87 [3.184]	78.74 [3.100]	31	64	~~3-146252-2~~
△7 OBSOLETE	△4	78.33 [3.084]	76.20 [3.000]	30	62	~~3-146252-1~~
△7 SUPERCEDED	△4	75.79 [2.984]	73.66 [2.900]	29	60	~~3-146252-0~~
	△4	73.25 [2.884]	71.12 [2.800]	28	58	~~2-146252-9~~
△7 OBSOLETE	△4	70.71 [2.784]	68.58 [2.700]	27	56	~~2-146252-8~~
	△4	68.17 [2.684]	66.04 [2.600]	26	54	~~2-146252-7~~
	△4	65.63 [2.584]	63.50 [2.500]	25	52	~~2-146252-6~~
△7 SUPERCEDED	△4	63.09 [2.484]	60.96 [2.400]	24	50	~~2-146252-5~~
	△4	60.55 [2.384]	58.42 [2.300]	23	48	~~2-146252-4~~
	△4	58.01 [2.284]	55.88 [2.200]	22	46	~~2-146252-3~~
	△4	55.47 [2.184]	53.34 [2.100]	21	44	~~2-146252-2~~
△7 OBSOLETE	△4	52.93 [2.084]	50.80 [2.000]	20	42	~~2-146252-1~~
	△4	50.39 [1.984]	48.26 [1.900]	19	40	~~2-146252-0~~
	△4	47.85 [1.884]	45.72 [1.800]	18	38	~~1-146252-9~~
	△4	45.31 [1.784]	43.18 [1.700]	17	36	~~1-146130-8~~
△7 SUPERCEDED	△4	42.77 [1.684]	40.64 [1.600]	16	34	~~1-146252-7~~
△7 OBSOLETE	△4	40.23 [1.584]	38.10 [1.500]	15	32	~~1-146252-6~~
△7 SUPERCEDED	△4	37.69 [1.484]	35.56 [1.400]	14	30	~~1-146252-5~~
△7 OBSOLETE	△4	35.15 [1.384]	35.56 [1.300]	13	28	~~1-146252-4~~
	△4	32.61 [1.284]	33.02 [1.200]	12	26	~~1-146252-3~~
△7 SUPERCEDED	△4	30.07 [1.184]	30.48 [1.100]	11	24	~~1-146252-2~~
	△4	27.53 [1.084]	27.94 [1.000]	10	22	~~1-146252-1~~
	△4	24.99 [.984]	25.40 [.900]	9	20	~~1-146252-0~~
△7 OBSOLETE	△4	22.45 [.884]	22.86 [.800]	8	18	~~146252-9~~
	△4	19.91 [.784]	20.32 [.700]	7	16	~~146252-8~~
	△4	17.37 [.684]	17.78 [.600]	6	14	~~146252-7~~
	△4	14.83 [.584]	15.24 [.500]	5	12	~~146252-6~~
△7 SUPERCEDED	△4	12.29 [.484]	12.70 [.400]	4	10	~~146252-5~~
	△4	9.75 [.384]	10.16 [.300]	3	8	~~146252-4~~
	△4	7.21 [.284]	7.62 [.200]	2	6	~~146252-3~~
	△4	4.67 [.184]	5.08 [.100]	1	4	~~146252-2~~
	△4	2.13 [.084]	- [-]	0	2	~~146252-1~~
	PLATING	C	B	A	NO OF POSN	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 08-05-95
CHK G. DUBNICZKI 03-10-95
APVD G. DUBNICZKI 03-10-95
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME HEADER ASSEMBLY, MOD II, BREAKAWAY, DOUBLE ROW, VERTICAL, HIGH TEMPERATURE

SIZE A | CAGE CODE 00779 | DRAWING NO C-146252 | RESTRICTED TO -

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

4805 (3/13)