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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	N3	REVISED PER ECN-22-185269	18NOV2022	RK	MF

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 POST PLATING: 0.00762[.000030] GOLD ON CONTACT AREA, 0.00254–0.00508[.000100–.000200] MATTE TIN–LEAD ON SOLDERTAIL, ALL OVER 0.00127[.000050] NICKEL.

5 HOUSING: LCP, COLOR–BLACK.

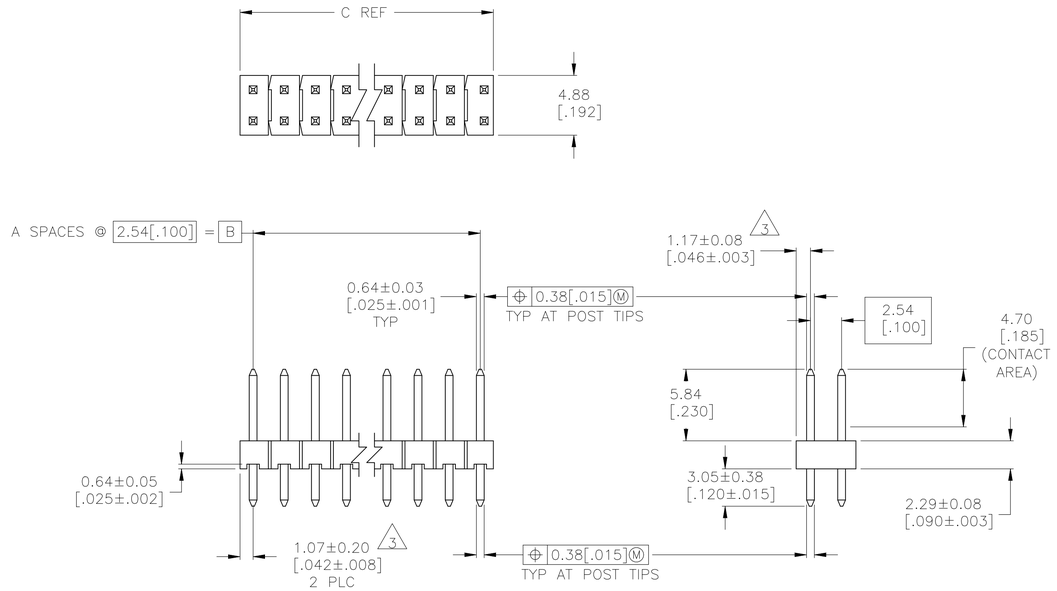
6 POST: COPPER ALLOY.

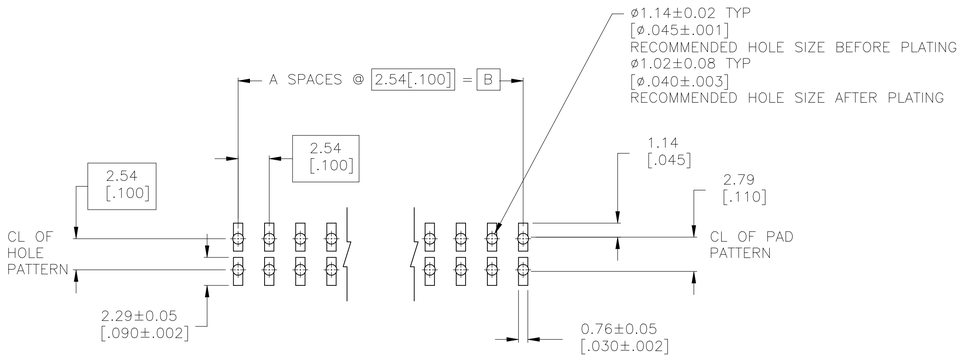
7 PARTS PACKAGED IN TUBES.

8 POST PLATING: 0.00762[.000030] GOLD ON CONTACT AREA, 0.00254–0.00508[.000100–.000200] MATTE TIN ON SOLDERTAIL, ALL OVER 0.00127[.000050] NICKEL.

9 PRELIMINARY PART – NOT RELEASED FOR PRODUCTION.

10 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
8	101.19 [3.984]	99.06 [3.900]	39	80	9–146257–0
8	98.65 [3.884]	96.52 [3.800]	38	78	8–146257–9
8	96.11 [3.784]	93.98 [3.700]	37	76	8–146257–8
8	93.57 [3.684]	91.44 [3.600]	36	74	8–146257–7
8	91.03 [3.584]	88.90 [3.500]	35	72	8–146257–6
8	88.49 [3.484]	86.36 [3.400]	34	70	8–146257–5
8	85.95 [3.384]	83.82 [3.300]	33	68	8–146257–4
8	83.41 [3.284]	81.28 [3.200]	32	66	8–146257–3
8	80.87 [3.184]	78.74 [3.100]	31	64	8–146257–2
8	78.33 [3.084]	76.20 [3.000]	30	62	8–146257–1
8	75.79 [2.984]	73.66 [2.900]	29	60	8–146257–0
8	73.25 [2.884]	71.12 [2.800]	28	58	7–146257–9
8	70.71 [2.784]	68.58 [2.700]	27	56	7–146257–8
8	68.17 [2.684]	66.04 [2.600]	26	54	7–146257–7
8	65.63 [2.584]	63.5 [2.500]	25	52	7–146257–6
8	63.09 [2.484]	60.96 [2.400]	24	50	7–146257–5
8	60.55 [2.384]	58.42 [2.300]	23	48	7–146257–4
8	58.01 [2.284]	55.88 [2.200]	22	46	7–146257–3
8	55.47 [2.184]	53.34 [2.100]	21	44	7–146257–2
8	52.93 [2.084]	50.80 [2.000]	20	42	7–146257–1
8	50.39 [1.984]	48.26 [1.900]	19	40	7–146257–0
8	47.85 [1.884]	45.72 [1.800]	18	38	6–146257–9
8	45.31 [1.784]	43.18 [1.700]	17	36	6–146257–8
8	42.77 [1.684]	40.64 [1.600]	16	34	6–146257–7
8	40.23 [1.584]	38.10 [1.500]	15	32	6–146257–6
8	37.69 [1.484]	35.56 [1.400]	14	30	6–146257–5
8	35.15 [1.384]	33.02 [1.300]	13	28	6–146257–4
8	32.61 [1.284]	30.48 [1.200]	12	26	6–146257–3
8	30.07 [1.184]	27.94 [1.100]	11	24	6–146257–2
8	27.53 [1.084]	25.40 [1.000]	10	22	6–146257–1
8	24.99 [.984]	22.86 [.900]	9	20	6–146257–0
8	22.45 [.884]	20.32 [.800]	8	18	5–146257–9
8	19.91 [.784]	17.78 [.700]	7	16	5–146257–8
8	17.37 [.684]	15.24 [.600]	6	14	5–146257–7
8	14.83 [.584]	12.70 [.500]	5	12	5–146257–6
8	12.29 [.484]	10.16 [.400]	4	10	5–146257–5
8	9.75 [.384]	7.62 [.300]	3	8	5–146257–4
8	7.21 [.284]	5.08 [.200]	2	6	5–146257–3
8	4.67 [.184]	2.54 [.100]	1	4	5–146257–2
8	– [–]	– [–]	0	2	5–146257–1

PLATING	C	B	A	NO. OF POSITIONS	PART NUMBER
OBSOLETE 8	17.37 [.684]	15.24 [.600]	6	14	~~4–146257–6~~
9 8	9.75 [.384]	7.62 [.300]	3	8	4–146257–5
OBSOLETE 8	7.21 [.284]	5.08 [.200]	2	6	~~4–146257–4~~
OBSOLETE 8	24.99 [.984]	22.86 [.900]	9	20	4–146257–3
7 4	75.79 [2.984]	73.66 [2.900]	29	60	10 ~~4–146257–2~~
7 4	17.37 [.684]	15.24 [.600]	6	14	10 ~~4–146257–1~~
OBSOLETE 4	101.19 [3.984]	99.06 [3.900]	39	80	~~4–146257–0~~
4	98.65 [3.884]	96.52 [3.800]	38	78	10 ~~3–146257–9~~
4	96.11 [3.784]	93.98 [3.700]	37	76	10 ~~3–146257–8~~
4	93.57 [3.684]	91.44 [3.600]	36	74	10 ~~3–146257–7~~
4	91.03 [3.584]	88.90 [3.500]	35	72	10 ~~3–146257–6~~
4	88.49 [3.484]	86.36 [3.400]	34	70	10 ~~3–146257–5~~
4	85.95 [3.384]	83.82 [3.300]	33	68	10 ~~3–146257–4~~
4	83.41 [3.284]	81.28 [3.200]	32	66	10 ~~3–146257–3~~
OBSOLETE 4	80.87 [3.184]	78.74 [3.100]	31	64	10 ~~3–146257–2~~
4	78.33 [3.084]	76.20 [3.000]	30	62	10 ~~3–146257–1~~
4	75.79 [2.984]	73.66 [2.900]	29	60	10 ~~3–146257–0~~
4	73.25 [2.884]	71.12 [2.800]	28	58	10 ~~2–146257–9~~
4	70.71 [2.784]	68.58 [2.700]	27	56	10 ~~2–146257–8~~
4	68.17 [2.684]	66.04 [2.600]	26	54	10 ~~2–146257–7~~
4	65.63 [2.584]	63.5 [2.500]	25	52	10 ~~2–146257–6~~
OBSOLETE 4	63.09 [2.484]	60.96 [2.400]	24	50	~~2–146257–5~~
4	60.55 [2.384]	58.42 [2.300]	23	48	10 ~~2–146257–4~~
4	58.01 [2.284]	55.88 [2.200]	22	46	10 ~~2–146257–3~~
4	55.47 [2.184]	53.34 [2.100]	21	44	10 ~~2–146257–2~~
4	52.93 [2.084]	50.80 [2.000]	20	42	10 ~~2–146257–1~~
OBSOLETE 4	50.39 [1.984]	48.26 [1.900]	19	40	~~2–146257–0~~
4	47.85 [1.884]	45.72 [1.800]	18	38	10 ~~1–146257–9~~
4	45.31 [1.784]	43.18 [1.700]	17	36	10 ~~1–146257–8~~
SUPERSEDED 4	42.77 [1.684]	40.64 [1.600]	16	34	~~1–146257–7~~
4	40.23 [1.584]	38.10 [1.500]	15	32	10 ~~1–146257–6~~
4	37.69 [1.484]	35.56 [1.400]	14	30	10 ~~1–146257–5~~
4	35.15 [1.384]	33.02 [1.300]	13	28	10 ~~1–146257–4~~
4	32.61 [1.284]	30.48 [1.200]	12	26	10 ~~1–146257–3~~
SUPERSEDED 4	30.07 [1.184]	27.94 [1.100]	11	24	~~1–146257–2~~
4	27.53 [1.084]	25.40 [1.000]	10	22	10 ~~1–146257–1~~
OBSOLETE 4	24.99 [.984]	22.86 [.900]	9	20	~~1–146257–0~~
4	22.45 [.884]	20.32 [.800]	8	18	10 ~~146257–9~~
OBSOLETE 4	19.91 [.784]	17.78 [.700]	7	16	~~146257–8~~
4	17.37 [.684]	15.24 [.600]	6	14	10 ~~146257–7~~
4	14.83 [.584]	12.70 [.500]	5	12	10 ~~146257–6~~
OBSOLETE 4	12.29 [.484]	10.16 [.400]	4	10	~~146257–5~~
4	9.75 [.384]	7.62 [.300]	3	8	10 ~~146257–4~~
4	7.21 [.284]	5.08 [.200]	2	6	10 ~~146257–3~~
OBSOLETE 4	4.67 [.184]	2.54 [.100]	1	4	~~146257–2~~
OBSOLETE 4	– [–]	– [–]	0	2	~~146257–1~~

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 6

FINISH SEE TABLE

DWN R BROWN 19JAN05
CHK J GESFORD 19JAN05
APVD J GESFORD 19JAN05

PRODUCT SPEC –

APPLICATION SPEC –

WEIGHT –

CUSTOMER DRAWING

TE Connectivity

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

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-146257 | RESTRICTED TO –

SCALE 4:1 | SHEET 1 OF 1 | REV N3

4805 (1/15)