LOC	DIST
AD	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	J1	REVISED PER ECO-15-007586	21MAY2015	NK	MM

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 SOLDER TAIL, ALL OVER 0.00127[.000050] NICKEL.

△5 HOUSING: LCP, COLOR–BLACK.

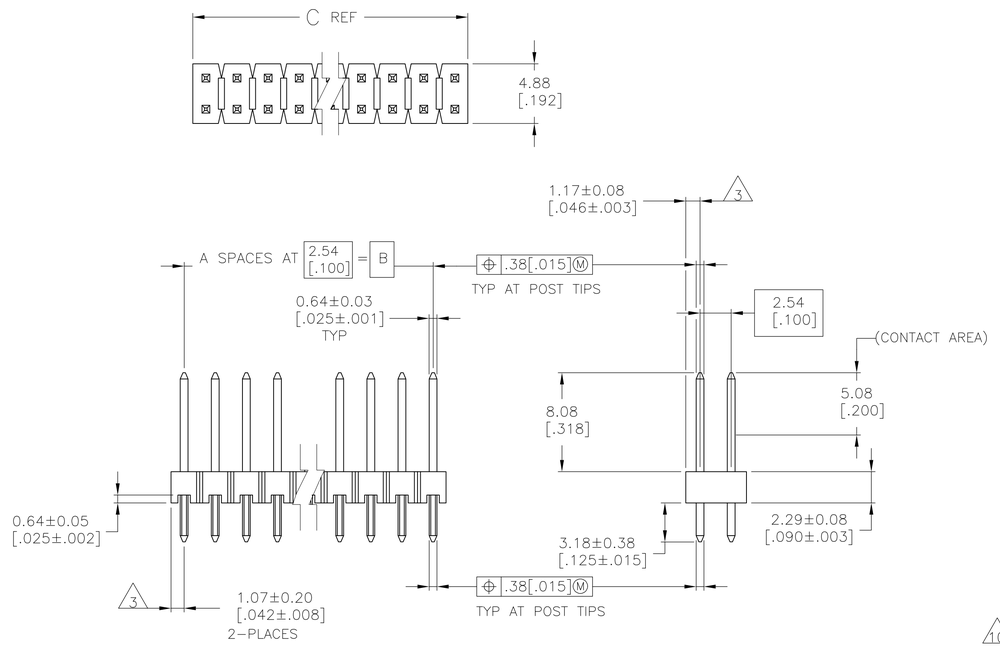
△6 POST: COPPER ALLOY.

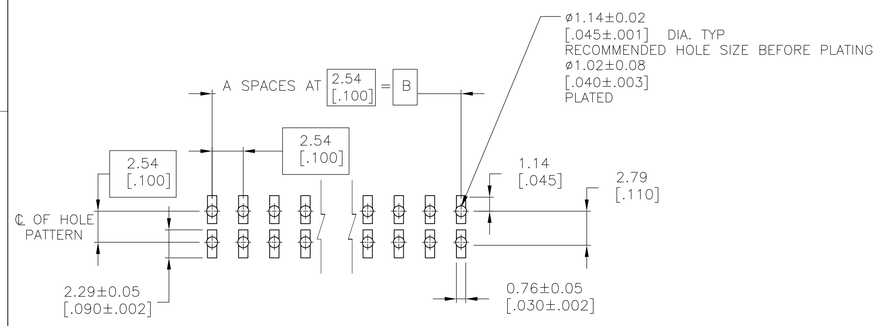
△7 POST PLATING: 0.00762[.000030] GOLD ON CONTACT AREA, 0.00254–0.00508[.000100–.000200] MATTE TIN ON SOLDER TAIL, ALL OVER 0.00127[.000050] NICKEL.

△8 PRELIMINARY PART – NOT RELEASED FOR PRODUCTION.

△9 OBSOLETE P/N.

△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

△7	101.19 [3.984]	99.06 [3.900]	39	80	9–146253–0	
△7	98.65 [3.884]	96.52 [3.800]	38	78	8–146253–9	
△7	96.11 [3.784]	93.98 [3.700]	37	76	8–146253–8	
△7	93.57 [3.684]	91.44 [3.600]	36	74	8–146253–7	
△7	91.03 [3.584]	88.90 [3.500]	35	72	8–146253–6	
△7	88.49 [3.484]	86.36 [3.400]	34	70	8–146253–5	
△7	85.95 [3.384]	83.82 [3.300]	33	68	8–146253–4	
△7	83.41 [3.284]	81.28 [3.200]	32	66	8–146253–3	
△7	80.87 [3.184]	78.74 [3.100]	31	64	8–146253–2	
△10 OBSOLETE △7	78.33 [3.084]	76.20 [3.000]	30	62	8–146253–1	
△7	75.79 [2.984]	73.66 [2.900]	29	60	8–146253–0	
△7	73.25 [2.884]	71.12 [2.800]	28	58	7–146253–9	
△7	70.71 [2.784]	68.58 [2.700]	27	56	7–146253–8	
△7	68.17 [2.684]	66.04 [2.600]	26	54	7–146253–7	
△7	65.63 [2.584]	63.5 [2.500]	25	52	7–146253–6	
△7	63.09 [2.484]	60.96 [2.400]	24	50	7–146253–5	
△7	60.55 [2.384]	58.42 [2.300]	23	48	7–146253–4	
△7	58.01 [2.284]	55.88 [2.200]	22	46	7–146253–3	
△7	55.47 [2.184]	53.34 [2.100]	21	44	7–146253–2	
△7	52.93 [2.084]	50.80 [2.000]	20	42	7–146253–1	
△7	50.39 [1.984]	48.26 [1.900]	19	40	7–146253–0	
△10 OBSOLETE △7	47.85 [1.884]	45.72 [1.800]	18	~~38~~	~~6–146253–9~~	
△7	45.31 [1.784]	43.18 [1.700]	17	~~36~~	~~6–146253–8~~	
△7	42.77 [1.684]	40.64 [1.600]	16	34	6–146253–7	
△10 OBSOLETE △7	40.23 [1.584]	38.10 [1.500]	15	~~32~~	~~6–146253–6~~	
△7	37.69 [1.484]	35.56 [1.400]	14	30	6–146253–5	
△10 OBSOLETE △7	35.15 [1.384]	33.02 [1.300]	13	~~28~~	~~6–146253–4~~	
△7	32.61 [1.284]	30.48 [1.200]	12	26	6–146253–3	
△10 OBSOLETE △7	30.07 [1.184]	27.94 [1.100]	11	~~24~~	~~6–146253–2~~	
△7	27.53 [1.084]	25.40 [1.000]	10	22	6–146253–1	
△7	24.99 [.984]	22.86 [.900]	9	20	6–146253–0	
△10 OBSOLETE △7	22.45 [.884]	20.32 [.800]	8	~~18~~	~~5–146253–9~~	
△7	19.91 [.784]	17.78 [.700]	7	16	5–146253–8	
△7	17.37 [.684]	15.24 [.600]	6	14	5–146253–7	
△10 OBSOLETE △7	14.83 [.584]	12.70 [.500]	5	~~12~~	~~5–146253–6~~	
△7	12.29 [.484]	10.16 [.400]	4	10	5–146253–5	
△7	9.75 [.384]	7.62 [.300]	3	8	5–146253–4	
△7	7.21 [.284]	5.08 [.200]	2	6	5–146253–3	
△7	4.67 [.184]	2.54 [.100]	1	4	5–146253–2	
△7	– [–]	– [–]	0	2	5–146253–1	
PLATING	C	B	A	NO. OF POSITIONS	PART NUMBER	

△7	19.91 [.784]	17.78 [.700]	7	~~16~~	△9 ~~4–146253–3~~	
△7	12.29 [.484]	10.16 [.400]	4	~~10~~	△9 ~~4–146253–2~~	
△7	101.19 [3.984]	99.06 [3.900]	39	~~80~~	△9 ~~4–146253–1~~	
△7	101.19 [3.984]	99.06 [3.900]	39	80	△4 4–146253–0	
△10 OBSOLETE △7	98.65 [3.884]	96.52 [3.800]	38	78	△4 3–146253–9	
△7	96.11 [3.784]	93.98 [3.700]	37	76	△4 3–146253–8	
△7	93.57 [3.684]	91.44 [3.600]	36	74	△4 3–146253–7	
△7	91.03 [3.584]	88.90 [3.500]	35	72	△4 3–146253–6	
△7	88.49 [3.484]	86.36 [3.400]	34	70	△4 3–146253–5	
△7	85.95 [3.384]	83.82 [3.300]	33	68	△4 3–146253–4	
△7	83.41 [3.284]	81.28 [3.200]	32	66	△4 3–146253–3	
△7	80.87 [3.184]	78.74 [3.100]	31	64	△4 3–146253–2	
△10 OBSOLETE △7	78.33 [3.084]	76.20 [3.000]	30	~~62~~	△4 ~~3–146253–1~~	
△7	75.79 [2.984]	73.66 [2.900]	29	~~60~~	△4 ~~3–146253–0~~	
△7	73.25 [2.884]	71.12 [2.800]	28	~~58~~	△4 ~~2–146253–9~~	
△7	70.71 [2.784]	68.58 [2.700]	27	~~56~~	△4 ~~2–146253–8~~	
△7	68.17 [2.684]	66.04 [2.600]	26	~~54~~	△4 ~~2–146253–7~~	
△7	65.63 [2.584]	63.5 [2.500]	25	~~52~~	△4 ~~2–146253–6~~	
△7	63.09 [2.484]	60.96 [2.400]	24	~~50~~	△4 ~~2–146253–5~~	
△7	60.55 [2.384]	58.42 [2.300]	23	~~48~~	△4 ~~2–146253–4~~	
△7	58.01 [2.284]	55.88 [2.200]	22	~~46~~	△4 ~~2–146253–3~~	
△7	55.47 [2.184]	53.34 [2.100]	21	~~44~~	△4 ~~2–146253–2~~	
△7	52.93 [2.084]	50.80 [2.000]	20	~~42~~	△4 ~~2–146253–1~~	
△10 SUP/BY 7–146253–0 △7	50.39 [1.984]	48.26 [1.900]	19	~~40~~	△4 ~~2–146253–0~~	
△10 OBSOLETE △7	47.85 [1.884]	45.72 [1.800]	18	~~38~~	△4 ~~1–146253–9~~	
△7	45.31 [1.784]	43.18 [1.700]	17	~~36~~	△4 ~~1–146253–8~~	
△10 SUP/BY 6–146253–7 △7	42.77 [1.684]	40.64 [1.600]	16	~~34~~	△4 ~~1–146253–7~~	
△10 OBSOLETE △7	40.23 [1.584]	38.10 [1.500]	15	~~32~~	△4 ~~1–146253–6~~	
△10 SUP/BY 6–146253–5 △7	37.69 [1.484]	35.56 [1.400]	14	~~30~~	△4 ~~1–146253–5~~	
△10 OBSOLETE △7	35.15 [1.384]	33.02 [1.300]	13	~~28~~	△4 ~~1–146253–4~~	
△10 SUP/BY 6–146253–3 △7	32.61 [1.284]	30.48 [1.200]	12	~~26~~	△4 ~~1–146253–3~~	
△10 OBSOLETE △7	30.07 [1.184]	27.94 [1.100]	11	~~24~~	△4 ~~1–146253–2~~	
△10 SUP/BY 6–146253–1 △7	27.53 [1.084]	25.40 [1.000]	10	~~22~~	△4 ~~1–146253–1~~	
△10 SUP/BY 6–146253–0 △7	24.99 [.984]	22.86 [.900]	9	~~20~~	△4 ~~1–146253–0~~	
△10 OBSOLETE △7	22.45 [.884]	20.32 [.800]	8	~~18~~	△4 ~~146253–9~~	
△10 SUP/BY 5–146253–8 △7	19.91 [.784]	17.78 [.700]	7	~~16~~	△4 ~~146253–8~~	
△10 SUP/BY 5–146253–7 △7	17.37 [.684]	15.24 [.600]	6	~~14~~	△4 ~~146253–7~~	
△10 OBSOLETE △7	14.83 [.584]	12.70 [.500]	5	~~12~~	△4 ~~146253–6~~	
△7	12.29 [.484]	10.16 [.400]	4	10	△4 146253–5	
△10 SUP/BY 5–146253–4 △7	9.75 [.384]	7.62 [.300]	3	~~8~~	△4 ~~146253–4~~	
△10 SUP/BY 5–146253–3 △7	7.21 [.284]	5.08 [.200]	2	~~6~~	△4 ~~146253–3~~	
△10 OBSOLETE △7	4.67 [.184]	2.54 [.100]	1	~~4~~	△4 ~~146253–2~~	
△10 SUP/BY 5–146253–1 △7	– [–]	– [–]	0	~~2~~	△4 ~~146253–1~~	
	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: HOUSING: △5 POST: △6

FINISH: POST: 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, HIGH TEMPERATURE

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-146253	–

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 | REV J1

4805 (3/11)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TE Connectivity:

5-146253-5