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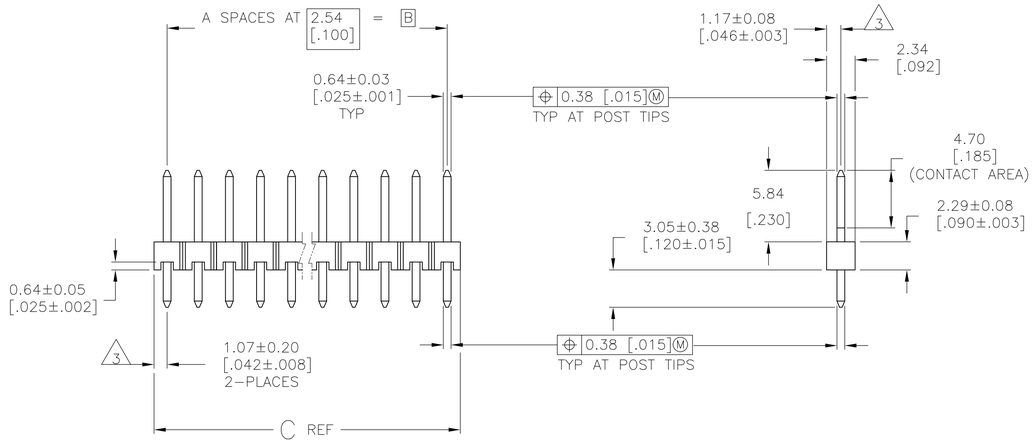
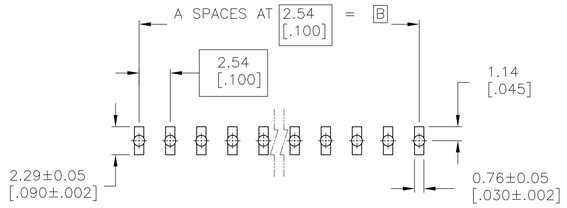
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	G1	REVISED PER ECO-16-012733	01SEP2016	NK	MM





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

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. 0.00762 [.000030] GOLD IN CONTACT AREA, 0.00254–0.00508 [.0000100–.0000200] MATTE TIN–LEAD ON SOLDER TAIL, ALL OVER 0.00127 [.000050] NICKEL.
5. MATERIAL: HOUSING – LCP, COLOR: BLACK. POSTS – COPPER ALLOY.
6. 0.00762 [.000030] GOLD IN CONTACT AREA, 0.00254–0.00508 [.0000100–.0000200] MATTE TIN ON SOLDER TAIL, ALL OVER 0.00127 [.000050] NICKEL.
7. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI.

PLATING	C	B	A	NO. OF POSITIONS	PART NUMBER
6	101.19 [3.984]	99.06 [3.900]	39	40	9-146281-0
6	98.65 [3.884]	96.52 [3.800]	38	39	7 ~~8-146281-9~~
6	96.11 [3.784]	93.98 [3.700]	37	38	7 ~~8-146281-8~~
6	93.57 [3.684]	91.44 [3.600]	36	37	7 ~~8-146281-7~~
6	91.03 [3.584]	88.90 [3.500]	35	36	8-146281-6
6	88.49 [3.484]	86.36 [3.400]	34	35	7 ~~8-146281-5~~
6	85.95 [3.384]	83.82 [3.300]	33	34	7 ~~8-146281-4~~
6	83.41 [3.284]	81.28 [3.200]	32	33	7 ~~8-146281-3~~
6	80.87 [3.184]	78.74 [3.100]	31	32	7 ~~8-146281-2~~
6	78.33 [3.084]	76.20 [3.000]	30	31	7 ~~8-146281-1~~
6	75.79 [2.984]	73.66 [2.900]	29	30	7 ~~8-146281-0~~
6	73.25 [2.884]	71.12 [2.800]	28	29	7 ~~7-146281-9~~
6	70.71 [2.784]	68.58 [2.700]	27	28	7 ~~7-146281-8~~
6	68.17 [2.684]	66.04 [2.600]	26	27	7 ~~7-146281-7~~
6	65.63 [2.584]	63.5 [2.500]	25	26	7 ~~7-146281-6~~
6	63.09 [2.484]	60.96 [2.400]	24	25	7 ~~7-146281-5~~
6	60.55 [2.384]	58.42 [2.300]	23	24	7 ~~7-146281-4~~
6	58.01 [2.284]	55.88 [2.200]	22	23	7 ~~7-146281-3~~
6	55.47 [2.184]	53.34 [2.100]	21	22	7 ~~7-146281-2~~
6	52.93 [2.084]	50.80 [2.000]	20	21	7 ~~7-146281-1~~
6	50.39 [1.984]	48.26 [1.900]	19	20	7 ~~7-146281-0~~
6	47.85 [1.884]	45.72 [1.800]	18	19	7 ~~6-146281-9~~
6	45.31 [1.784]	43.18 [1.700]	17	18	7 ~~6-146281-8~~
6	42.77 [1.684]	40.64 [1.600]	16	17	7 ~~6-146281-7~~
6	40.23 [1.584]	38.10 [1.500]	15	16	7 ~~6-146281-6~~
6	37.69 [1.484]	35.56 [1.400]	14	15	7 ~~6-146281-5~~
6	35.15 [1.384]	33.02 [1.300]	13	14	7 ~~6-146281-4~~
6	32.61 [1.284]	30.48 [1.200]	12	13	6-146281-3
6	30.07 [1.184]	27.94 [1.100]	11	12	7 ~~6-146281-2~~
6	27.53 [1.084]	25.40 [1.000]	10	11	7 ~~6-146281-1~~
6	24.99 [.984]	22.86 [.900]	9	10	6-146281-0
6	22.45 [.884]	20.32 [.800]	8	9	7 ~~5-146281-9~~
6	19.91 [.784]	17.78 [.700]	7	8	5-146281-8
6	17.37 [.684]	15.24 [.600]	6	7	7 ~~5-146281-7~~
6	14.83 [.584]	12.70 [.500]	5	6	5-146281-6
6	12.29 [.484]	10.16 [.400]	4	5	5-146281-5
6	9.75 [.384]	7.62 [.300]	3	4	5-146281-4
6	7.21 [.284]	5.08 [.200]	2	3	5-146281-3
6	4.67 [.184]	2.54 [.100]	1	2	5-146281-2
6	2.13 [.084]	– [–]	0	1	5-146281-1

PLATING	C	B	A	NO. OF POSITIONS	PART NUMBER
4	101.19 [3.984]	99.06 [3.900]	39	40	4-146281-0
4	98.65 [3.884]	96.52 [3.800]	38	39	7 ~~3-146281-9~~
4	96.11 [3.784]	93.98 [3.700]	37	38	7 ~~3-146281-8~~
4	93.57 [3.684]	91.44 [3.600]	36	37	7 ~~3-146281-7~~
4	91.03 [3.584]	88.90 [3.500]	35	36	7 ~~3-146281-6~~
4	88.49 [3.484]	86.36 [3.400]	34	35	7 ~~3-146281-5~~
4	85.95 [3.384]	83.82 [3.300]	33	34	7 ~~3-146281-4~~
4	83.41 [3.284]	81.28 [3.200]	32	33	7 ~~3-146281-3~~
4	80.87 [3.184]	78.74 [3.100]	31	32	7 ~~3-146281-2~~
4	78.33 [3.084]	76.20 [3.000]	30	31	7 ~~3-146281-1~~
4	75.79 [2.984]	73.66 [2.900]	29	30	7 ~~3-146281-0~~
4	73.25 [2.884]	71.12 [2.800]	28	29	7 ~~2-146281-9~~
4	70.71 [2.784]	68.58 [2.700]	27	28	7 ~~2-146281-8~~
4	68.17 [2.684]	66.04 [2.600]	26	27	7 ~~2-146281-7~~
4	65.63 [2.584]	63.5 [2.500]	25	26	7 ~~2-146281-6~~
4	63.09 [2.484]	60.96 [2.400]	24	25	7 ~~2-146281-5~~
4	60.55 [2.384]	58.42 [2.300]	23	24	7 ~~2-146281-4~~
4	58.01 [2.284]	55.88 [2.200]	22	23	7 ~~2-146281-3~~
4	55.47 [2.184]	53.34 [2.100]	21	22	7 ~~2-146281-2~~
4	52.93 [2.084]	50.80 [2.000]	20	21	7 ~~2-146281-1~~
4	50.39 [1.984]	48.26 [1.900]	19	20	7 ~~2-146281-0~~
4	47.85 [1.884]	45.72 [1.800]	18	19	7 ~~1-146281-9~~
4	45.31 [1.784]	43.18 [1.700]	17	18	7 ~~1-146281-8~~
4	42.77 [1.684]	40.64 [1.600]	16	17	7 ~~1-146281-7~~
4	40.23 [1.584]	38.10 [1.500]	15	16	7 ~~1-146281-6~~
4	37.69 [1.484]	35.56 [1.400]	14	15	7 ~~1-146281-5~~
4	35.15 [1.384]	33.02 [1.300]	13	14	7 ~~1-146281-4~~
4	32.61 [1.284]	30.48 [1.200]	12	13	7 ~~1-146281-3~~
4	30.07 [1.184]	27.94 [1.100]	11	12	7 ~~1-146281-2~~
4	27.53 [1.084]	25.40 [1.000]	10	11	7 ~~1-146281-1~~
4	24.99 [.984]	22.86 [.900]	9	10	7 ~~1-146281-0~~
4	22.45 [.884]	20.32 [.800]	8	9	7 ~~146281-9~~
4	19.91 [.784]	17.78 [.700]	7	8	146281-8
4	17.37 [.684]	15.24 [.600]	6	7	7 ~~146281-7~~
4	14.83 [.584]	12.70 [.500]	5	6	146281-6
4	12.29 [.484]	10.16 [.400]	4	5	7 ~~146281-5~~
4	9.75 [.384]	7.62 [.300]	3	4	146281-4
4	7.21 [.284]	5.08 [.200]	2	3	146281-3
4	4.67 [.184]	2.54 [.100]	1	2	146281-2
4	2.13 [.084]	– [–]	0	1	146281-1

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

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 HDR ASSY, MOD II, BREAKWAY, SINGLE ROW, HIGH TEMP, VERTICAL W/.025 SQ POSTS, .100 C.

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-146281	–

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 | REV G1

Mouser Electronics

Authorized Distributor

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TE Connectivity:

5-146281-2