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REVISIONS					
LTR	DESCRIPTION	DATE	ENG	APVD
H2	REVISED PER ECO-11-004587	11MAR11	RK	HMR

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.

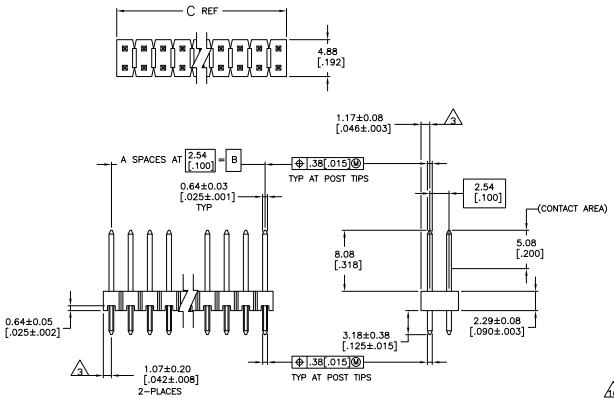
△6 POST: PHOSPHOR BRONZE

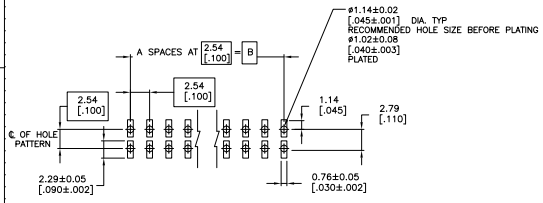
△7 POST PLATING: 0.00762[.000030] GOLD ON CONTACT AREA, 0.00254–0.00508[.000100–.000200] MATTE TIN ON SOLDER TAIL, ALL OVER 0.00127[.000050] NICKEL.

△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

PLATING	C	B	A	NO. OF POSITIONS	PART NUMBER
△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
△7	78.33 [3.084]	76.20 [3.000]	30	62	8–146253–1
△10 OBSOLETE	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	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	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	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	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	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	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
△10 OBSOLETE	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	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
△7	78.33 [3.084]	76.20 [3.000]	30	62	△4 3–146253–1
△10 OBSOLETE	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	50.39 [1.984]	48.26 [1.900]	19	40	△4 2–146253–0
△10 OBSOLETE	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	42.77 [1.684]	40.64 [1.600]	16	34	△4 1–146253–7
△10 OBSOLETE	40.23 [1.584]	38.10 [1.500]	15	32	△4 1–146253–6
△10 SUP/BY 6–146253–5	37.69 [1.484]	35.56 [1.400]	14	30	△4 1–146253–5
△10 OBSOLETE	35.15 [1.384]	33.02 [1.300]	13	28	△4 1–146253–4
△10 SUP/BY 6–146253–3	32.61 [1.284]	30.48 [1.200]	12	26	△4 1–146253–3
△10 OBSOLETE	30.07 [1.184]	27.94 [1.100]	11	24	△4 1–146253–2
△10 SUP/BY 6–146253–1	27.53 [1.084]	25.40 [1.000]	10	22	△4 1–146253–1
△10 SUP/BY 6–146253–0	24.99 [.984]	22.86 [.900]	9	20	△4 1–146253–0
△10 OBSOLETE	22.45 [.884]	20.32 [.800]	8	18	△4 146253–9
△10 SUP/BY 5–146253–8	19.91 [.784]	17.78 [.700]	7	16	△4 146253–8
△10 SUP/BY 5–146253–7	17.37 [.684]	15.24 [.600]	6	14	△4 146253–7
△10 OBSOLETE	14.83 [.584]	12.70 [.500]	5	12	△4 146253–6
△10 SUP/BY 5–146253–4	12.29 [.484]	10.16 [.400]	4	10	△4 146253–5
△10 SUP/BY 5–146253–3	9.75 [.384]	7.62 [.300]	3	8	△4 146253–4
△10 OBSOLETE	7.21 [.284]	5.08 [.200]	2	6	△4 146253–3
△10 SUP/BY 5–146253–1	4.67 [.184]	2.54 [.100]	1	4	△4 146253–2
△10 SUP/BY 5–146253–1	[–]	[–]	0	2	△4 146253–1

PLATING	C	B	A	NO. OF POSITIONS	PART NUMBER

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	NAME	DATE
DRAWN	T. HOFFMAN	08-05-10
CHECKED	R. DUBNICZKI	03-10-10
APVD	R. DUBNICZKI	03-10-10
PRODUCT SPEC	–	
APPLICATION SPEC	–	
WEIGHT	–	

DIMENSIONS: mm [INCHES]
TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± 0.05[.02]
3 PLC ± 0.127[.005]
4 PLC ± 0.25[.010]
ANGLES ±
MATERIAL HOUSING △5 LCP
POST: △6
FINISH POST: SEE TABLE

TE Connectivity

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 H2

4805 (3/11)

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