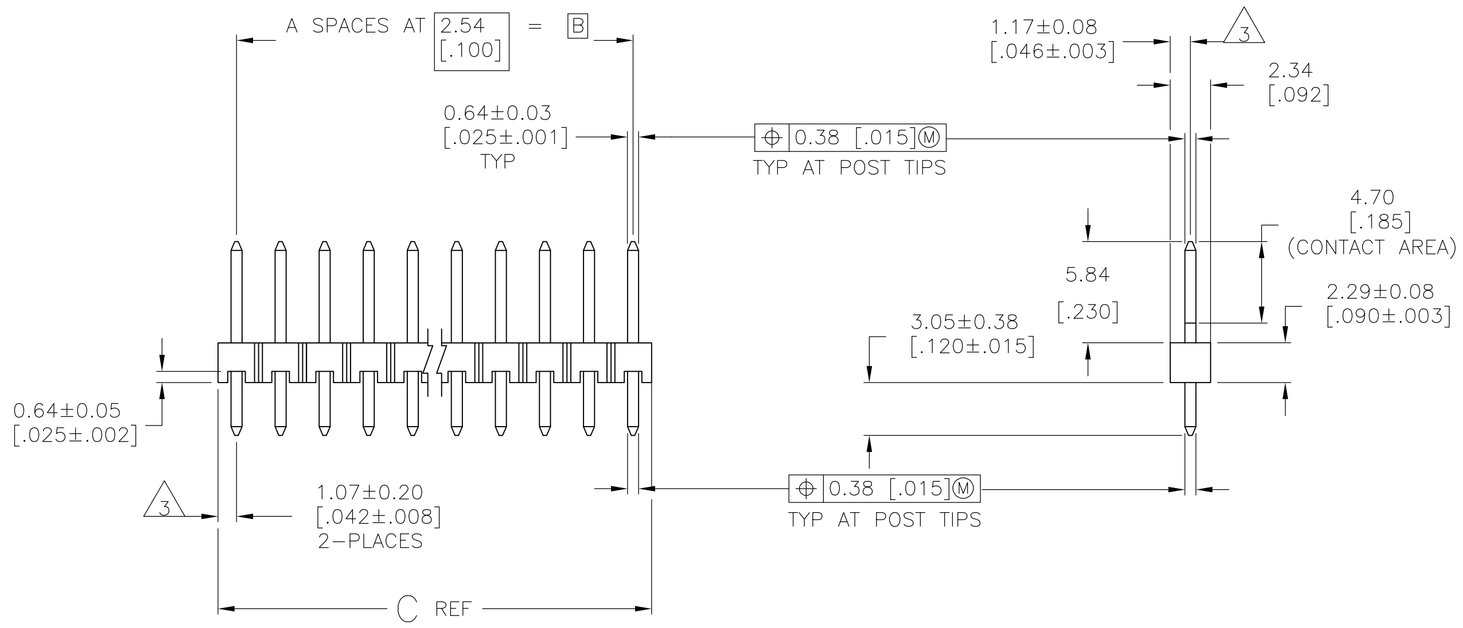
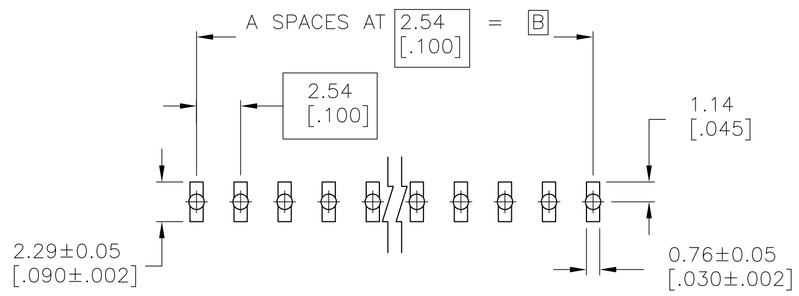
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION -,- .
© COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST
AD	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	F	EC 0G3C 0826 04	16FEB05	BSV	JLG
	F1	REVISED PER ECO-10-000443	13JAN10	KK	AEG





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 - PHOSPHOR BRONZE

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 6	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	7 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 4	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

WEIGHT -

DWN T. HOFFMAN 6/12/95
CHK G. DUBNICZKI 3/18/96
APVD G. DUBNICZKI 3/18/96

PRODUCT SPEC -
APPLICATION SPEC -

CUSTOMER DRAWING

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

NAME HEADER ASSEMBLY, MOD II, BREAKWAY, SINGLE ROW, HIGH TEMPERATURE, VERTICAL W/.025 SQ POSTS, .100 ℄

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

SCALE 4:1 SHEET 1 OF 1 REV F1

AMP 4805 REV 31MAR2000