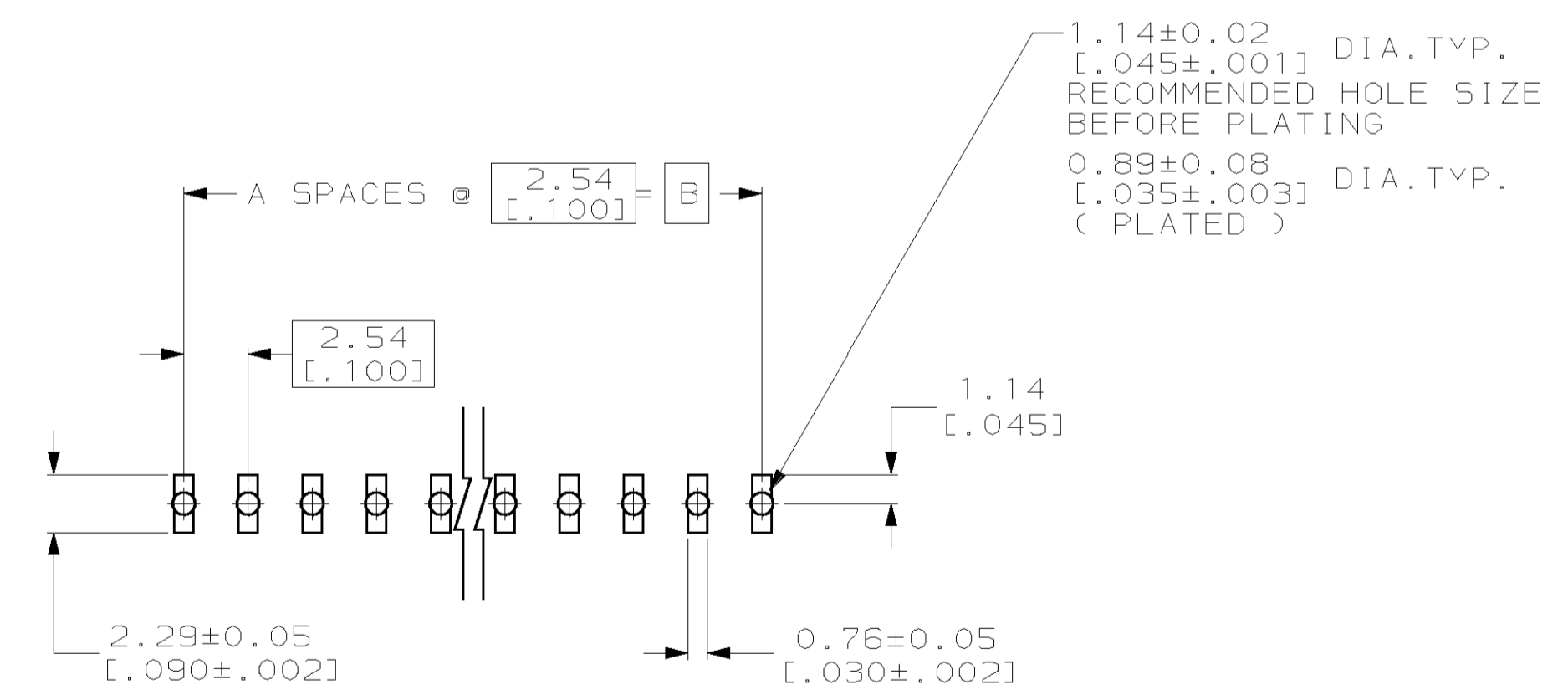
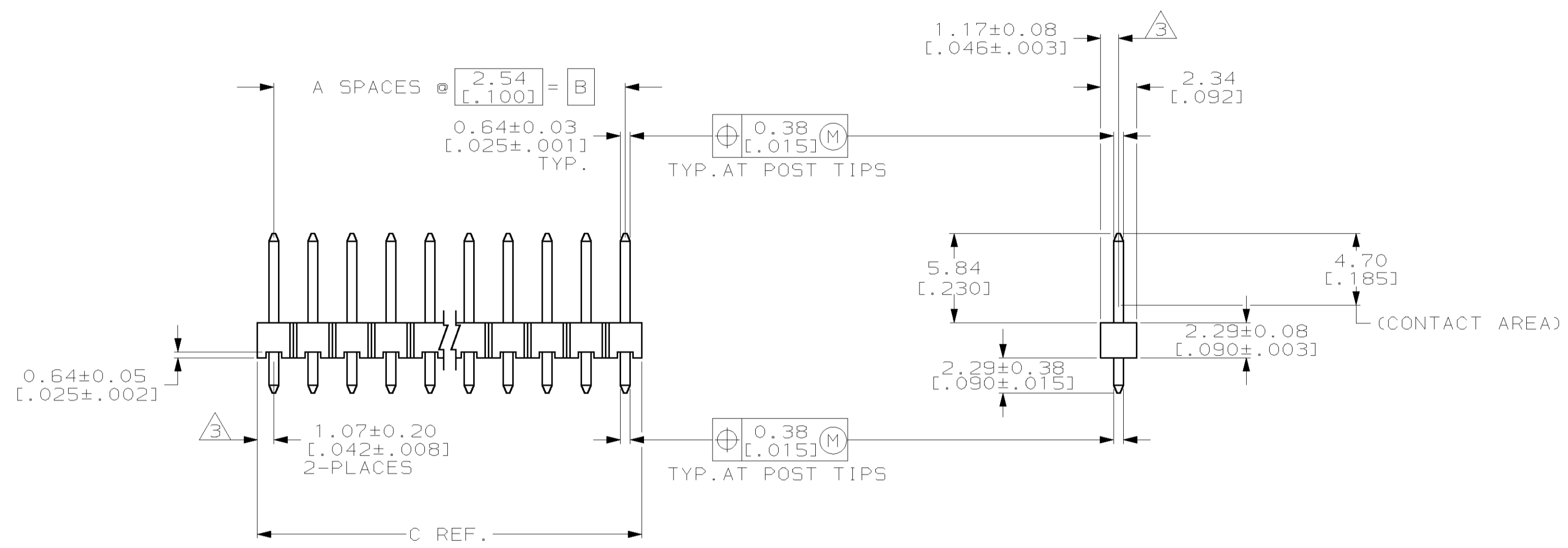


REVISONS		DATE	BY	APVD
0	DP 4633-95-45	5/23/95	TH	GD
A	REV PER 0430-0257-97	19AUG99	BH	JG
B	REV PER 0621-0107-98	09NOV99	BH	JG
C	REV PER 0621-0244-98	30NOV99	BH	JG
D	REV PER 063C-0248-99	31JAN00	BH	JG
E	REV PER 063C-0229-99	04FEB00	BH	JG

- ASSEMBLY MAY BE BROKEN TO THE DESIRED NUMBER OF POSITIONS
 - 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 HOUSING: LCP, COLOR-BLACK.
POSTS: PHOSPHOR BRONZE
- ⑤ PLATING: 0.00762 [.000030] GOLD ON CONTACT AREA,
.00254-0.00508 [.0000100-.0000200] MATTE TIN-LEAD
ON SOLDER TAIL, ALL OVER 0.00127 [.000050] NICKEL.



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

C	B	A	NO. OF POSITIONS	PART NUMBER
101.19 [3.984]	99.06 [3.900]	39	40	4-146285-0
98.65 [3.884]	96.52 [3.800]	38	39	3-146285-9
96.11 [3.784]	93.98 [3.700]	37	38	3-146285-8
93.57 [3.684]	91.44 [3.600]	36	37	3-146285-7
91.03 [3.584]	88.90 [3.500]	35	36	3-146285-6
88.49 [3.484]	86.36 [3.400]	34	35	3-146285-5
85.95 [3.384]	83.82 [3.300]	33	34	3-146285-4
83.41 [3.284]	81.28 [3.200]	32	33	3-146285-3
80.87 [3.184]	78.74 [3.100]	31	32	3-146285-2
78.33 [3.084]	76.20 [3.000]	30	31	3-146285-1
75.79 [2.984]	73.66 [2.900]	29	30	3-146285-0
73.25 [2.884]	71.12 [2.800]	28	29	2-146285-9
70.71 [2.784]	68.58 [2.700]	27	28	2-146285-8
68.17 [2.684]	66.04 [2.600]	26	27	2-146285-7
65.63 [2.584]	63.5 [2.500]	25	26	2-146285-6
63.09 [2.484]	60.96 [2.400]	24	25	2-146285-5
60.55 [2.384]	58.42 [2.300]	23	24	2-146285-4
58.01 [2.284]	55.88 [2.200]	22	23	2-146285-3
55.47 [2.184]	53.34 [2.100]	21	22	2-146285-2
52.93 [2.084]	50.80 [2.000]	20	21	2-146285-1
50.39 [1.984]	48.26 [1.900]	19	20	2-146285-0
47.85 [1.884]	45.72 [1.800]	18	19	1-146285-9
45.31 [1.784]	43.18 [1.700]	17	18	1-146285-8
42.77 [1.684]	40.64 [1.600]	16	17	1-146285-7
40.23 [1.584]	38.10 [1.500]	15	16	1-146285-6
37.69 [1.484]	35.56 [1.400]	14	15	1-146285-5
35.15 [1.384]	33.02 [1.300]	13	14	1-146285-4
32.61 [1.284]	30.48 [1.200]	12	13	1-146285-3
30.07 [1.184]	27.94 [1.100]	11	12	1-146285-2
27.53 [1.084]	25.40 [1.000]	10	11	1-146285-1
24.99 [.984]	22.86 [.900]	9	10	1-146285-0
22.45 [.884]	20.32 [.800]	8	9	146285-9
19.91 [.784]	17.78 [.700]	7	8	146285-8
17.37 [.684]	15.24 [.600]	6	7	146285-7
14.83 [.584]	12.70 [.500]	5	6	146285-6
12.29 [.484]	10.16 [.400]	4	5	146285-5
9.75 [.384]	7.62 [.300]	3	4	146285-4
7.21 [.284]	5.08 [.200]	2	3	146285-3
4.67 [.184]	2.54 [.100]	1	2	146285-2
2.13 [.084]	-	0	1	146285-1

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DWG: I. I. HOFFMAN 5/23/95
 CHK: G. DUBNICZKI 1/5/96
 APVD: G. DUBNICZKI 1/5/96

AMP Incorporated
 Harrisburg, PA 17105-3608

NAME: HEADER ASSEMBLY, MOD II, BREAKAWAY, SINGLE ROW, HIGH TEMPERATURE, VERTICAL, W/.025 SQ. POSTS

PRODUCT SPEC: -
 APPLICATION SPEC: -
 MATERIAL: POSTS
 FINISH: -
 WEIGHT: -
 CUSTOMER DRAWING

SIZE: A1
 CAGE CODE: 00779
 DRAWING NO: 146285
 SCALE: 4:1
 SHEET: 1 OF 1
 REV: E

Mating Connector Lock:	Without
High Temperature Housing:	Yes
High Speed Serial Data Connector:	No
Termination Post Length (mm [in]):	2.29 [0.090]

Comment:

Headers without retention tails may be broken to the desired number of positions using Hand Tool 91406-1. Headers are also available in sizes 2 thru 39 positions. When ordering, add the prefix and/or suffix (dash) numbers to the base part number that corresponds with the desired size. For example, the complete part number for an 8-position header with solder tails (C dimension 2.29 [.090], post plating A) would be 146285-8. The complete part number for a 26-position header with board retention tails (C dimension 3.05 [.120], post plating B) would be 2-146292-6.

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AMP	

AMPMODU 100 & .150 Centerline Through Hole Headers

AMP **146285-2** **Active** [Active](#)
(Tyco Electronics P/N: 146285-2)

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Searchable Features:	
Brand:	AMP
Header Type:	Breakaway
No. of Rows:	Single
No. of Positions:	2
Mount Angle:	Vertical
PCB Retention Feature:	Without
Surface Mount Compatible:	Yes
Contact Mating Area Plating:	Gold (30)
Board Standoff:	With
Mounting Ears:	Without
Panel Attachment:	No

Other Properties:	
Contact Shape:	Square
Post Size (mm [in]):	0.64 [.025]
Centerline, Matrix (mm [in]):	2.54 [.100]
Mating Post Length (mm [in]):	5.84 [0.230]
Contact Material:	Phosphor Bronze
Housing Material:	LCP Thermoplastic
Contact Termination Area Plating:	Tin-Lead over Nickel
Gender:	Header
Housing Flammability Rating:	UL 94V-0

Mating Connector Lock:	Without
High Temperature Housing:	Yes
High Speed Serial Data Connector:	No
Termination Post Length (mm [in]):	2.29 [0.090]

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