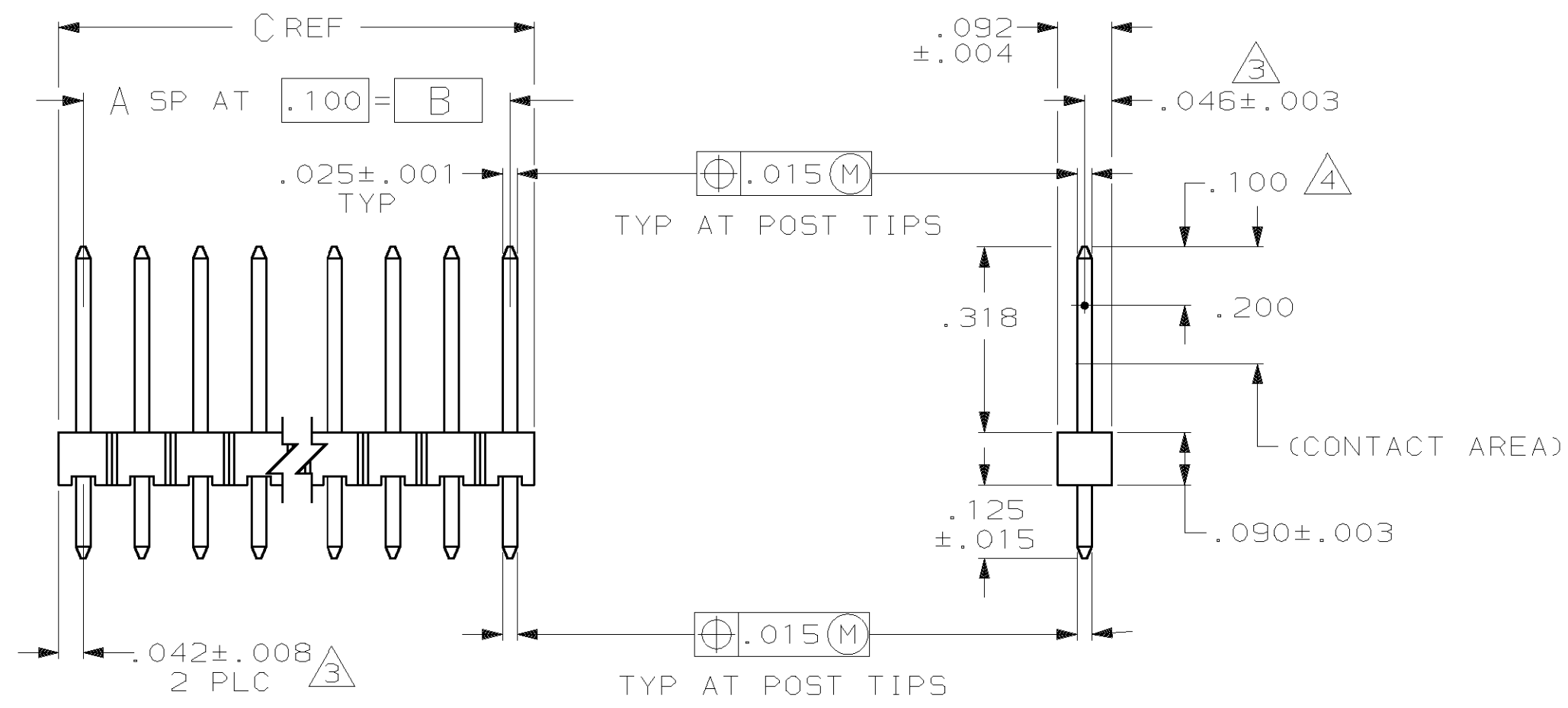


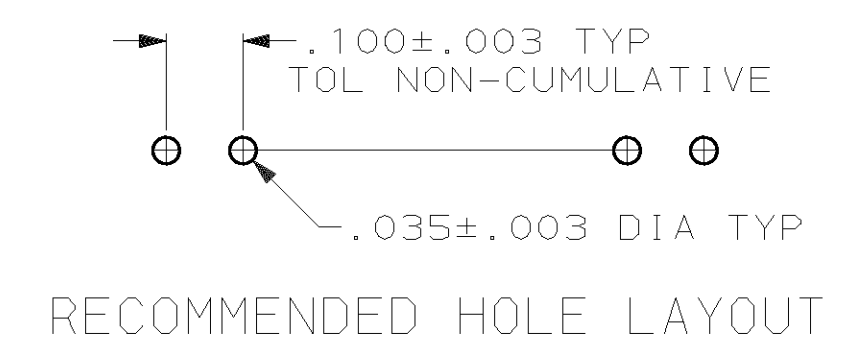
DRAWING MADE IN THIRD ANGLE PROJECTION  
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LOC		DIST		REV		ZONE		LTR		REVISIONS			
AD	39	P	F							DESCRIPTION	DATE	APPD	
										B	REV & REDRAWN ECN 1691	-	-
										C	REV LOC & DIST AD-4171	3-90	BF
										D	REV PER ECN 0010-0187-92	11/23/92	JK
										E	REV PER 0010-0436-95	1-14-97	JK
										F	REV PER 0621-0244-98	30NOV98	JLG
										G	REV PER 063C-0248-99	31JAN00	JLG



3.984	3.900	39	40	4-102976-0
3.884	3.800	38	39	3-102976-9
3.784	3.700	37	38	3-102976-8
3.684	3.600	36	37	3-102976-7
3.584	3.500	35	36	3-102976-6
3.484	3.400	34	35	3-102976-5
3.384	3.300	33	34	3-102976-4
3.284	3.200	32	33	3-102976-3
3.184	3.100	31	32	3-102976-2
3.084	3.000	30	31	3-102976-1
2.984	2.900	29	30	3-102976-0
2.884	2.800	28	29	2-102976-9
2.784	2.700	27	28	2-102976-8
2.684	2.600	26	27	2-102976-7
2.584	2.500	25	26	2-102976-6
2.484	2.400	24	25	2-102976-5
2.384	2.300	23	24	2-102976-4
2.284	2.200	22	23	2-102976-3
2.184	2.100	21	22	2-102976-2
2.084	2.000	20	21	2-102976-1
1.984	1.900	19	20	2-102976-0
1.884	1.800	18	19	1-102976-9
1.784	1.700	17	18	1-102976-8
1.684	1.600	16	17	1-102976-7
1.584	1.500	15	16	1-102976-6
1.484	1.400	14	15	1-102976-5
1.384	1.300	13	14	1-102976-4
1.284	1.200	12	13	1-102976-3
1.184	1.100	11	12	1-102976-2
1.084	1.000	10	11	1-102976-1
.984	.900	9	10	1-102976-0
.884	.800	8	9	102976-9
.784	.700	7	8	102976-8
.684	.600	6	7	102976-7
.584	.500	5	6	102976-6
.484	.400	4	5	102976-5
.384	.300	3	4	102976-4
.284	.200	2	3	102976-3
.184	.100	1	2	102976-2
.084	—	—	1	102976-1
C	B	A	NO OF POSN	PART NUMBER

- ASSEMBLY MAY BE BROKEN TO THE DESIRED NUMBER OF POSITIONS
  - TRUE POSITION TOLERANCE OF THE POST TIPS APPLIES WHEN THE HEADERS ARE HELD FLAT AGAINST THE PRINTED CIRCUIT BOARD
- $\triangle 3$  THE NOTED DIMENSIONS APPLY AT THE INTERSECTION OF THE POST AND HOUSING  
 $\triangle 4$  POINT OF MEASUREMENT FOR PLATING THICKNESS



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON :		DR 10-9-87 H MOLL	<b>AMP</b>   AMP INCORPORATED Harrisburg, Pa. 17105		
2 PL DEC ± .005 3 PL DEC ± .005 ANGLES ±		CHK 10-12-87 T. CLARK			
MATERIAL: HOUSING: FLAME RETARDANT THERMOPLASTIC; COLOR-BLACK		APPD 10-13-87 T. CLARK	NAME HEADER ASSY, MOD II, BREAKAWAY, SINGLE ROW, .100Q, VERTICAL, WITH .025 SQUARE POSTS		
POSTS: PHOSPHOR BRONZE		PRODUCT SPEC -			
FINISH: POSTS: .000030 GOLD ON CONTACT AREA, .000100-.000200 MATTE TIN-LEAD ON SOLDER TAIL, ALL OVER .000050 NICKEL		APPD 10-12-87 R. ELICKER	SIZE <b>D</b>	FSCM NO 00779	DRAWING NO 102976
		WEIGHT -	SCALE 4:1	SHEET 1 OF 1	

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## AMP MODU .100 & .150 Centerline Through Hole Headers

AMP      102976-1       Active      [Active](#)

**(Tyco Electronics P/N: 102976-1)**

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Related Part Information		
General Information	eCommerce	Related Part Information
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**Photos & Line Drawings** - The photographs and/or line drawings are representative images of a product for viewing purposes only.

[Product Photo](#)

Searchable Features:	
<b>Brand:</b>	AMP
<b>Header Type:</b>	Breakaway
<b>No. of Rows:</b>	Single
<b>No. of Positions:</b>	1
<b>Mount Angle:</b>	Vertical
<b>PCB Retention Feature:</b>	Without
<b>Surface Mount Compatible:</b>	No
<b>Contact Mating Area Plating:</b>	Gold (30)
<b>Board Standoff:</b>	Without
<b>Mounting Ears:</b>	Without
<b>Panel Attachment:</b>	No

Other Properties:	
<b>Contact Shape:</b>	Square
<b>Post Size (mm [in]):</b>	0.64 [.025]
<b>Centerline, Matrix (mm [in]):</b>	2.54 [.100]
<b>Mating Post Length (mm [in]):</b>	8.08 [0.318]
<b>Contact Material:</b>	Phosphor Bronze
<b>Housing Material:</b>	Thermoplastic
<b>Contact Termination Area Plating:</b>	Tin-Lead over Nickel
<b>Gender:</b>	Header
<b>Housing Flammability Rating:</b>	UL 94V-0

<b>Mating Connector Lock:</b>	Without
<b>High Temperature Housing:</b>	No
<b>High Speed Serial Data Connector:</b>	No
<b>Termination Post Length (mm [in]):</b>	3.18 [0.125]

**Comment:**

Headers may be broken to desired number of positions using Hand Tool No. 91406-1, or Tool Kit No. 314818-1. Other tail lengths are available, consult AMP Incorporated.

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