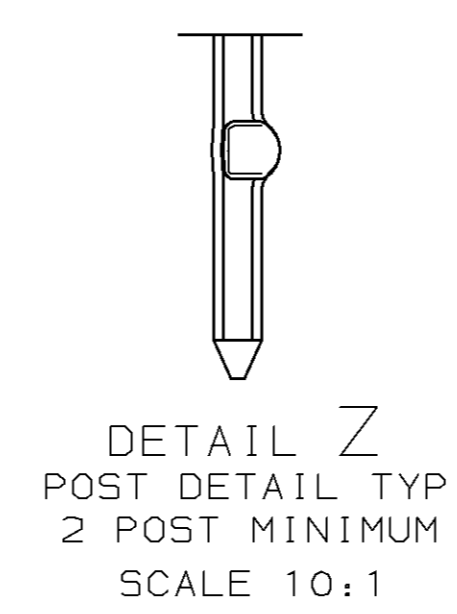
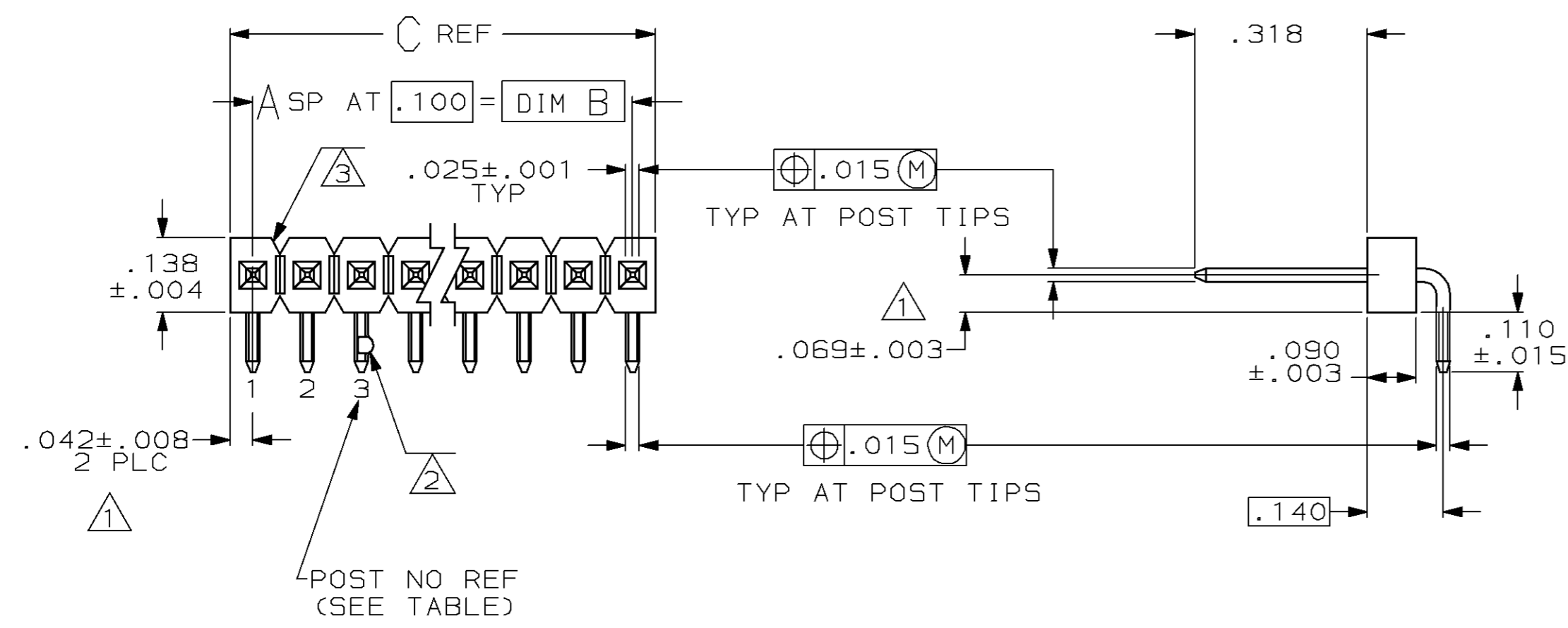
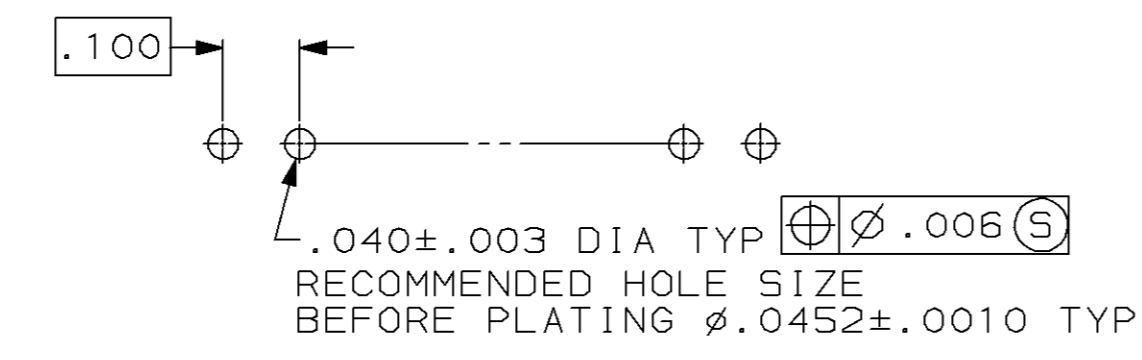


LOC		DIST		P		F		ZONE		LTR		REVISIONS		
AD	39											DESCRIPTION	DATE	APPD
												REL 2522	-	-
												REV LOC & DIST AD-4171	3-90	BF
												REV PER AD-6171	5/1/92	RF
												REV PER 0010-1752-93	TT	12-08-93
												EC 0010-1601-95	2/20/97	GD



- 1 THE NOTED DIMENSIONS APPLY AT THE INTERSECTION OF THE POST AND THE HOUSING
- 2 SELECTIVE POSTS ARE FORMED TO PROVIDE CONNECTOR RETENTION TO PC BOARD UNTIL SOLDERED. RETENTION FEATURE IS FOR .055 MINIMUM PC BOARD THICKNESS. SEE DETAIL Z FOR FORM AND TABLE FOR LOCATIONS.
- 3 BREAKAWAY NOTCH ANGLE CAN BE ORIENTED TO THE RIGHT (AS SHOWN) OR TO THE LEFT

1, 2, 3, 4, 37, 38, 39, 40	3.984	3.900	39	40	2-104431-7
1, 2, 3, 4, 32, 33, 34, 35	3.484	3.400	34	35	2-104431-6
1, 2, 3, 4, 27, 28, 29, 30	2.984	2.900	29	30	2-104431-5
1, 2, 3, 4, 23, 24, 25, 26	2.584	2.500	25	26	2-104431-4
1, 2, 3, 4, 22, 23, 24, 25	2.484	2.400	24	25	2-104431-3
1, 2, 3, 4, 21, 22, 23, 24	2.384	2.300	23	24	2-104431-2
1, 2, 3, 4, 20, 21, 22, 23	2.284	2.200	22	23	2-104431-1
1, 2, 3, 4, 19, 20, 21, 22	2.184	2.100	21	22	2-104431-0
1, 2, 3, 4, 18, 19, 20, 21	2.084	2.000	20	21	1-104431-9
1, 2, 3, 4, 17, 18, 19, 20	1.984	1.900	19	20	1-104431-8
1, 2, 3, 4, 16, 17, 18, 19	1.884	1.800	18	19	1-104431-7
1, 2, 3, 4, 15, 16, 17, 18	1.784	1.700	17	18	1-104431-6
1, 2, 3, 4, 14, 15, 16, 17	1.684	1.600	16	17	1-104431-5
1, 2, 3, 4, 13, 14, 15, 16	1.584	1.500	15	16	1-104431-4
1, 2, 3, 4, 12, 13, 14, 15	1.484	1.400	14	15	1-104431-3
1, 2, 3, 4, 11, 12, 13, 14	1.384	1.300	13	14	1-104431-2
1, 2, 3, 4, 10, 11, 12, 13	1.284	1.200	12	13	1-104431-1
1, 2, 3, 4, 9, 10, 11, 12	1.184	1.100	11	12	1-104431-0
1, 2, 3, 4, 8, 9, 10, 11	1.084	1.000	10	11	104431-9
1, 2, 3, 4, 7, 8, 9, 10	.984	.900	9	10	104431-8
1, 2, 3, 4, 6, 7, 8, 9	.884	.800	8	9	104431-7
1, 2, 3, 4, 5, 6, 7, 8	.784	.700	7	8	104431-6
1, 2, 3, 4, 5, 6, 7	.684	.600	6	7	104431-5
1, 2, 3, 4, 5, 6	.584	.500	5	6	104431-4
1, 2, 3, 4, 5	.484	.400	4	5	104431-3
1, 2, 3, 4	.384	.300	3	4	104431-2
1, 2, 3	.284	.200	2	3	104431-1
HOLD-DOWN POST CONFIG LOCATIONS	C	B	A	NO OF POSN	ASSEMBLY PART NUMBER



RECOMMENDED HOLE LAYOUT

DO NOT SCALE PRINT. UNLESS SPECIFIED DIMENSIONS IN INCHES TOLERANCES ON:	DR 6-28-88 H MÖLL	AMP INCORPORATED Harrisburg, Pa. 17105
2 PLC DEC ± .005	CHK 6-28-88 R. FEIDT	
3 PLC DEC ± .005	APPD 6-28-88 R. FEIDT	NAME
ANGLES ± -	APPD 6-28-88 W. PARKER	HEADER ASSY, MOD II, BREAKAWAY, SINGLE ROW, .100Ø, RT ANGLE, .025 SQ POSTS, WITH HOLD-DOWN CONFIG
MATERIAL HOUSING: FLAME RETARDANT THERMOPLASTIC COLOR-BLACK	PRODUCT SPEC	
POST: PHOS BRONZE		
FINISH POSTS: .000100-.000200 BRIGHT TIN-LEAD, ALL OVER .000050 NICKEL	APPLICATION SPEC	SIZE D FSCM NO 00779 DRAWING NO 104431
	WEIGHT	SCALE 4:1 SHEET 1 OF 1

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AMP **104431-8** **Active** [Active](#)

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Photos & Line Drawings - The photographs and/or line drawings are representative images of a product for viewing purposes only.

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Searchable Features:	
Brand:	AMP
Header Type:	Standard
No. of Rows:	Single
No. of Positions:	10
Mount Angle:	Right Angle
PCB Retention Feature:	With
PCB Retention Method Feature:	Swaged Tails
Surface Mount Compatible:	No
Contact Mating Area Plating:	Tin-Lead
Board Standoff:	Without

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

Mounting Ears:	Without
Panel Attachment:	No
Mating Connector Lock:	Without
High Temperature Housing:	No
High Speed Serial Data Connector:	No
Termination Post Length (mm [in]):	2.79 [0.110]

Comment:

Refer to the product drawing to determine the number and location of the board retention tails. Other tail lengths are available, consult AMP Incorporated.

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