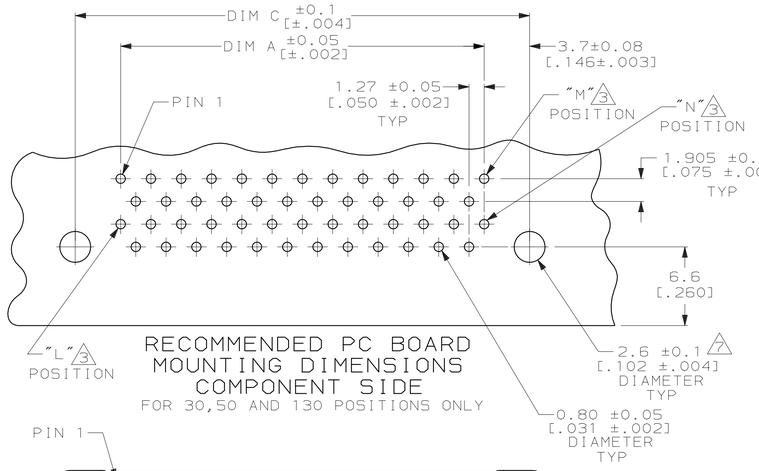
DRAWING MADE IN THIRD ANGLE PROJECTION

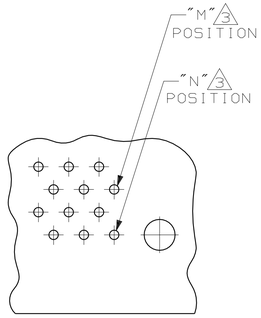
THIS DRAWING IS UNPUBLISHED. | RELEASED FOR PUBLICATION ,19 .

LOC	DIST	P	F	ZONE	REVISIONS			
					LTR	DESCRIPTION	DATE	APPD
AR	84				C	REV; ECN AA-8573	6-18-92	DS
					D	OBSOLETE PER EC 0020-146-94	03/15/94	JM

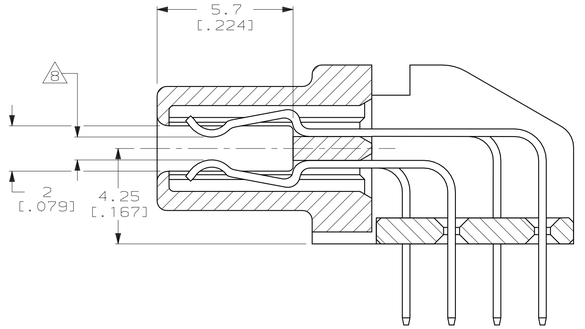


RECOMMENDED PC BOARD MOUNTING DIMENSIONS COMPONENT SIDE

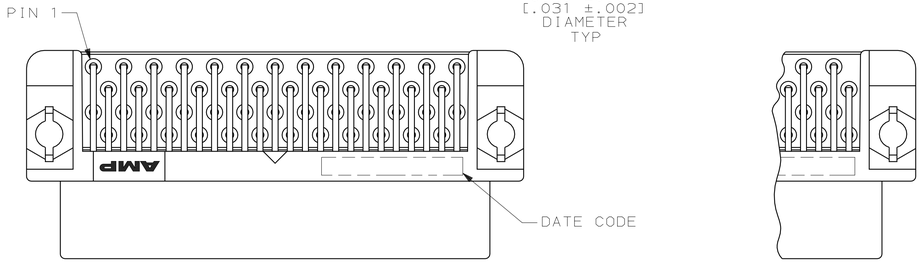
FOR 30,50 AND 130 POSITIONS ONLY

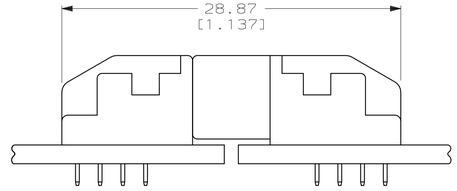


FOR 20,40,60,68 80,100 AND 120 POSITIONS ONLY

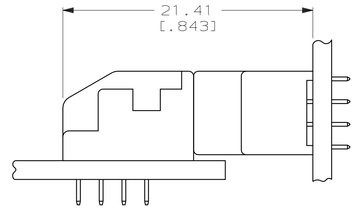


SECTION T-T
SCALE 8:1





RIGHT ANGLE RECEPTACLE ASSEMBLY MATED TO RIGHT ANGLE PLUG ASSEMBLY



RIGHT ANGLE RECEPTACLE ASSEMBLY MATED TO VERTICAL PLUG ASSEMBLY

OBSOLETE

1. DIMENSIONS IN BRACKETS [ ] ARE IN INCHES.

2. MATERIALS:
HOUSING & TINE PLATE- 6/6 NYLON (GF) UL 94V-0, BLACK.
CONTACTS- 0.33 [.013] THICK PHOSPHOR BRONZE PLATED WITH MINIMUM THICK (SEE TABLE) GOLD IN CONTACT AREA AND 0.002 [.000079] MINIMUM THICK TIN-LEAD ON SOLDER TINES OVER 0.00127 [.000050] MINIMUM THICK NICKEL UNDERPLATE.

3. "M", "N" & "L" INDICATES NUMBER OF POSITION MARKED ON ASSEMBLY. ALSO SEE TABLE.

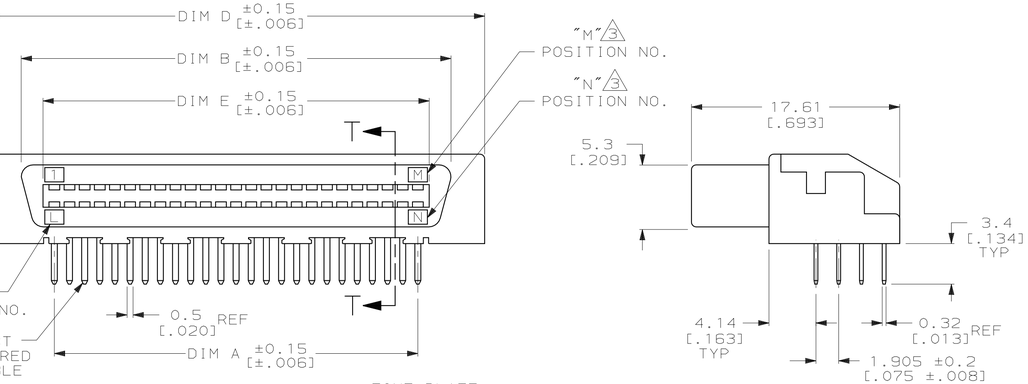
4. ALL DIMENSIONS SHOWN ARE MAXIMUM UNLESS OTHERWISE SPECIFIED.

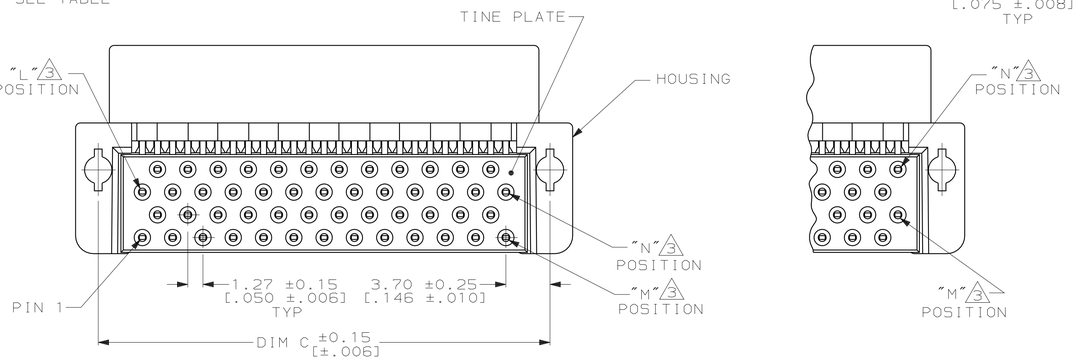
5. CONNECTOR WILL ACCOMMODATE PRINTED CIRCUIT BOARD THICKNESS OF 0.8 TO 1.6 [.031 TO .063].

6. 50 POSITION AS SHOWN.

7. ONLY IN CASE OF USING SCREW TO SECURE CONNECTOR ON PRINTED CIRCUIT BOARD. SCREW: M2 X 10 CROSS-RECESSED PAN HEAD SCREW AND M2 HEXAGON NUT..

8. CONNECTOR WILL ACCOMMODATE MATING PRINTED CIRCUIT BOARD OF 1.6±0.07 [.062±.003] THICKNESS.





83.18 [3.275]	92.48 [3.641]	88.68 [3.491]	86.82 [3.418]	81.28 [3.200]	65	130	66	130	0.00076µ [.000030]	6-175612-2
76.83 [3.025]	86.13 [3.391]	82.33 [3.241]	80.47 [3.168]	74.93 [2.950]	60	120	61	120		6-175612-1
64.13 [2.525]	73.43 [2.891]	69.63 [2.741]	67.77 [2.668]	62.23 [2.450]	50	100	51	100		6-175612-0
51.43 [2.025]	60.73 [2.391]	56.93 [2.241]	55.07 [2.168]	49.53 [1.950]	40	80	41	80		5-175612-9
43.81 [1.725]	53.11 [2.091]	49.31 [1.941]	47.45 [1.868]	41.91 [1.650]	34	68	35	68		5-175612-8
38.73 [1.525]	48.03 [1.891]	44.23 [1.741]	42.37 [1.668]	36.83 [1.450]	30	60	31	60		5-175612-7
32.38 [1.275]	41.68 [1.641]	37.88 [1.491]	36.02 [1.418]	30.48 [1.200]	25	50	26	50		5-175612-6
26.03 [1.025]	35.33 [1.391]	31.53 [1.241]	29.67 [1.168]	24.13 [.950]	20	40	21	40		5-175612-5
19.68 [.775]	28.98 [1.141]	25.18 [.991]	23.32 [.918]	17.78 [.700]	15	30	16	30		5-175612-3
13.33 [0.525]	22.63 [0.891]	18.83 [0.741]	16.97 [0.668]	11.43 [0.450]	10	20	11	20		5-175612-1
83.18 [3.275]	92.48 [3.641]	88.68 [3.491]	86.82 [3.418]	81.28 [3.200]	65	130	66	130	0.0002µ [.000008]	1-175612-2
76.83 [3.025]	86.13 [3.391]	82.33 [3.241]	80.47 [3.168]	74.93 [2.950]	60	120	61	120		1-175612-1
64.13 [2.525]	73.43 [2.891]	69.63 [2.741]	67.77 [2.668]	62.23 [2.450]	50	100	51	100		1-175612-0
51.43 [2.025]	60.73 [2.391]	56.93 [2.241]	55.07 [2.168]	49.53 [1.950]	40	80	41	80		175612-9
43.81 [1.725]	53.11 [2.091]	49.31 [1.941]	47.45 [1.868]	41.91 [1.650]	34	68	35	68		175612-8
38.73 [1.525]	48.03 [1.891]	44.23 [1.741]	42.37 [1.668]	36.83 [1.450]	30	60	31	60		175612-7
32.38 [1.275]	41.68 [1.641]	37.88 [1.491]	36.02 [1.418]	30.48 [1.200]	25	50	26	50		175612-6
26.03 [1.025]	35.33 [1.391]	31.53 [1.241]	29.67 [1.168]	24.13 [.950]	20	40	21	40		175612-5
19.68 [.775]	28.98 [1.141]	25.18 [.991]	23.32 [.918]	17.78 [.700]	15	30	16	30		175612-3
13.33 [0.525]	22.63 [0.891]	18.83 [0.741]	16.97 [0.668]	11.43 [0.450]	10	20	11	20		175612-1
DIM.E	DIM.D	DIM.C	DIM.B	DIM.A	M 3	N 3	L 3	POSITIONS	GOLD 2	PART NO

CAD DRAWINGS
THIS DRAWING WAS CREATED ON A COMPUTER AIDED DESIGN (CAD) SYSTEM. TO INSURE THE INTEGRITY OF THE DATA BASE ALL CHANGES/ REVISIONS MUST BE MADE ON THE CAD SYSTEM.

DO NOT SCALE PRINT.
UNLESS SPECIFIED DIMENSIONS IN mm [INCHES]
TOLERANCES ON :
2 PLC DEC ± -
3 PLC DEC ± -
ANGLES ± -

MATERIAL 2

FINISH 2

METRIC

DR 06/23/89 M.D.BYERLY
CHK 08/25/89 N.JONES
APPD 08/25/89 T.PIZZULO
APPD 08/25/89 E.MARSH
PRODUCT SPEC 108-5290
APPLICATION SPEC -
WEIGHT -

AMP INCORPORATED Harrisburg, Pa. 17105

NAME
RECEPTACLE ASSEMBLY, RIGHT ANGLE, BOARD-TO-BOARD, WITHOUT RETENTION LEG, CHAMP .050, SERIES I ®

SIZE	CAGE CODE	DRAWING NO
D	00779	175612
SCALE 4:1		SHEET 1 OF 1

CAD CUSTOMER DRAWING