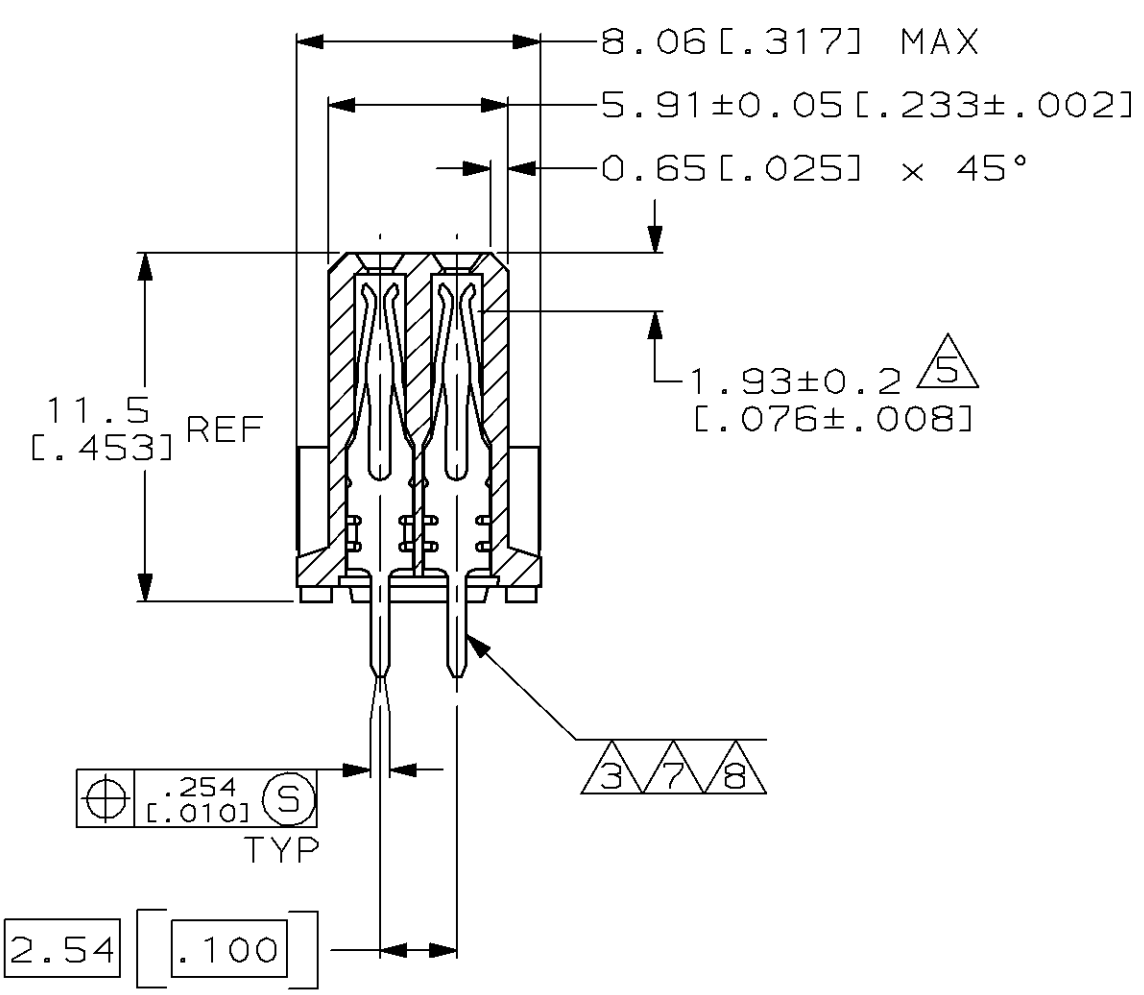
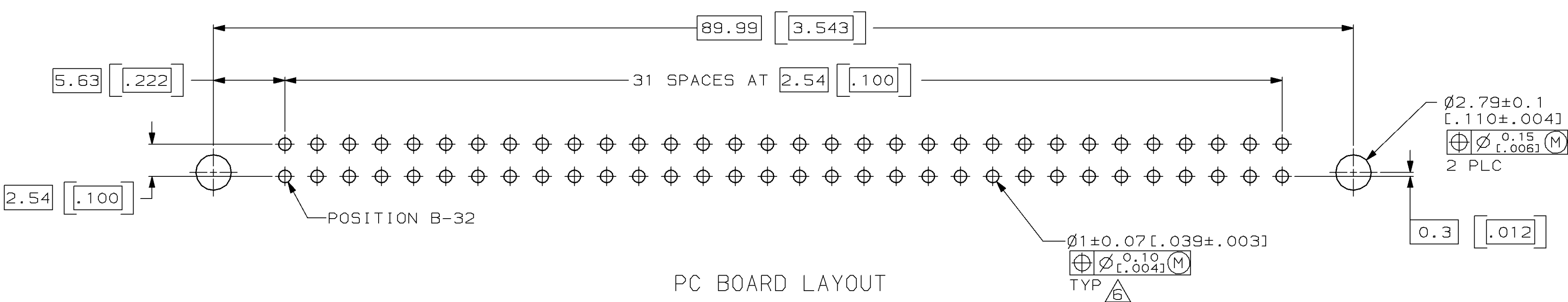
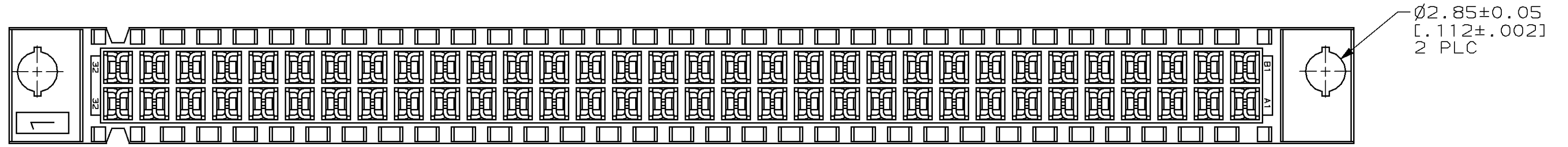
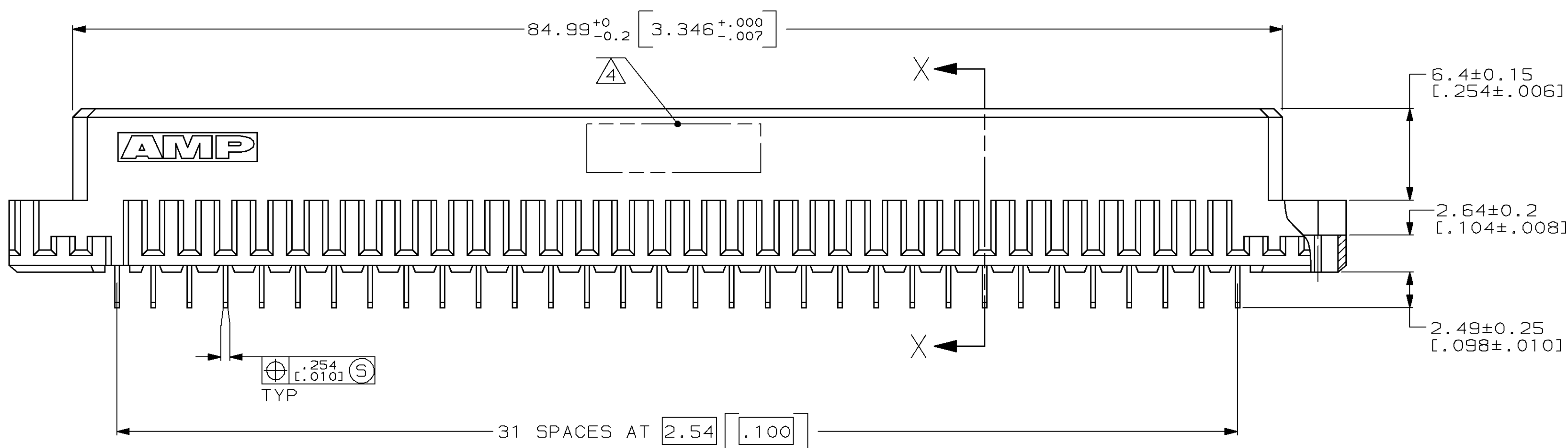
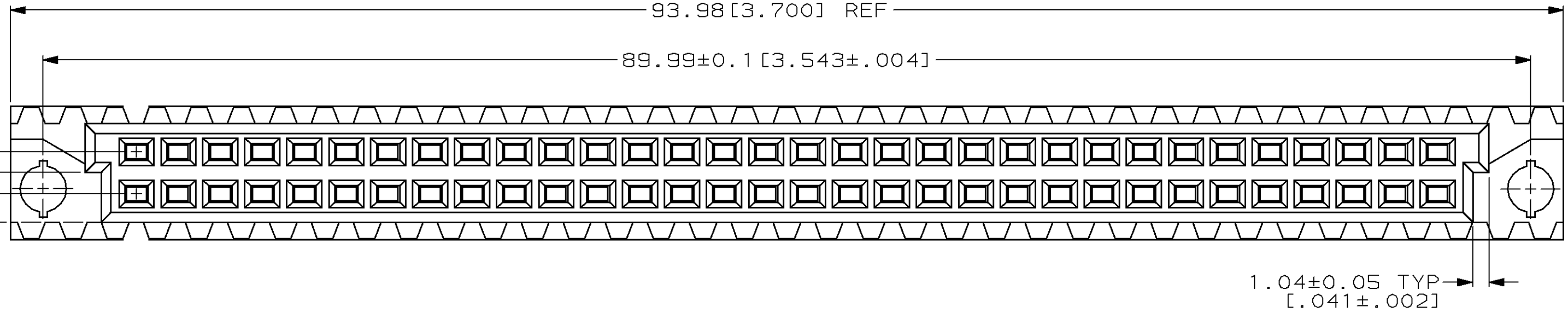


LOC		DIST		P		F		ZONE		LTR		REVISIONS		DATE		APPD	
AD		25								O		DRAWN		-		-	
										A		ECN AD5986		12/12/91		LSB	
										B		ECN AD6495		7/31/92		LSB	
										C		EC 0010-1431-95		1/17/96		RAP	
										D		EC 0010-1491-95		4/1/96		CR	

- 1
- HOUSING MATERIAL: GLASS-FILLED POLYESTER. COLOR: GRAY.
- 2
- CONTACT MATERIAL: PHOSPHOR BRONZE.
- 3
- CONTACT FINISH: DIN 41612 CLASS 2 IN CONTACT AREA. NICKEL UNDERPLATE ALL OVER. TIN-LEAD ON POSTS.
- 4
- PART NUMBER, DATE CODE IDENTIFICATION, CSA LOGO IN THIS APPROXIMATE AREA, ON REVERSE SIDE.
- 5
- POINT OF MEASUREMENT FOR GOLD.
- 6
- RECOMMENDED HOLE SIZE FOR MANUAL APPLICATION OF CONNECTOR ONTO PC BOARD.
- 7
- CONTACT FINISH: DIN 41612 CLASS 3 IN CONTACT AREA. NICKEL UNDERPLATE ALL OVER. TIN-LEAD ON POSTS.
- 8
- CONTACT FINISH: DIN 41612 CLASS 2 IN CONTACT AREA. NICKEL UNDERPLATE ALL OVER. TIN-LEAD ON POSTS.



SECTION X-X



SUPERSEDED BY 650859-5

7	1 THRU 32	X	X	64	650859-9
8	1 THRU 32	X	X	64	650859-5
3	1 THRU 32	X	X	64	650859-4

NOTE	POSITIONS LOADED		NO. OF LOADED POSITION	ASSY PART NUMBER
	B	A		
		ROWS LOADED		

DO NOT SCALE PRINT. UNLESS SPECIFIED DIMENSIONS IN mm [INCHES]. TOLERANCES - ON : 1 PLC DEC ± - 2 PLC DEC ± 0.13 [0.005] ANGLES ± -

MATERIAL

HSG

CONT

FINISH

CONT

DR L. BRINER 6/27/90

CHK J. BROWN 7/18/90

APPD J. BROWN 7/18/90

APPD K.R. PARMER 7/19/90

PRODUCT SPEC -

APPLICATION SPEC -

WEIGHT -

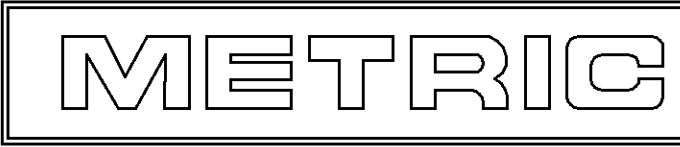
AMP

AMP INCORPORATED Harrisburg, Pa. 17105

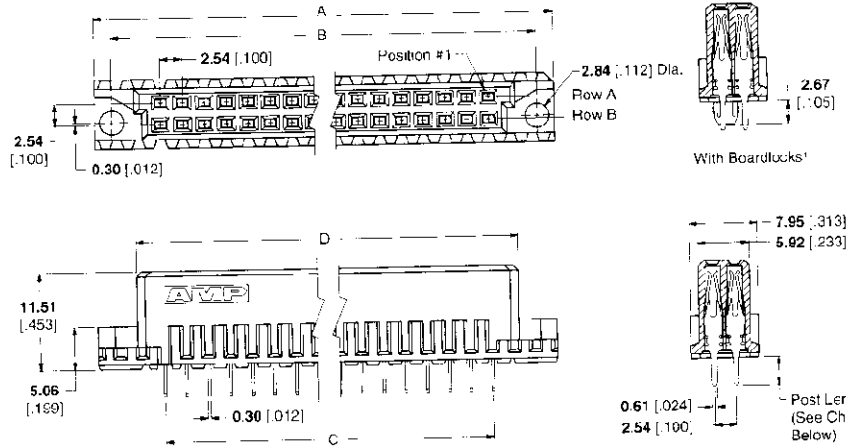
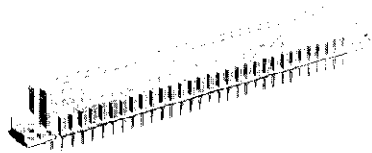
NAME

RECEPTACLE ASSEMBLY, EUROCARD, TYPE "B"

SIZE	FSCM NO	DRAWING NO
D	00779	650859
SCALE	4:1	SHEET 1 OF 1



Type B Vertical Receptacle Assemblies With Solder Posts for Pc Board Mount



Material:

Housing — Polyester, grey, 94V-0 rated

Contacts — Phosphor bronze

DIN II Plating — Gold Flash over .000030 Palladium/Nickel in mating area, 1µm Lead on tails, all over .000050 Nickel.

Related Product Data:

Common Bus Systems Application — Page 4

DIN Performance Levels — Page 6

Performance Specifications — Page 7

Mateable Connectors — Pages 14, 52, 53

PC Board Hole Layout — Page 62

Accessories — Pages 74, 75

Technical Documents — Page 81:

DIN Specification 41612

IEC Specification 603-2

AMP Application Specification

114-9014

AMP Instruction Sheet 408-6/84

Standard Size

Number of Positions	Rows Loaded	Dimensions				DIN Levels	Part Numbers		
		A	B	C	D		2.49 [.098] Post Length	3.30 [.130] Post Length	4.57 [.180] Post Length
64	A,B	93.96 3.700	90.00 3.543	78.74 3.100	85.00 3.346	II	650859-5	650860-5	650861-5
							536456-5¹	536457-5¹	536458-5¹
						III	650859-9	—	—

¹With Boardlocks

².000030 Gold plating in contact area, Tin lead on tails, all over .000050 Nickel.

Half Size

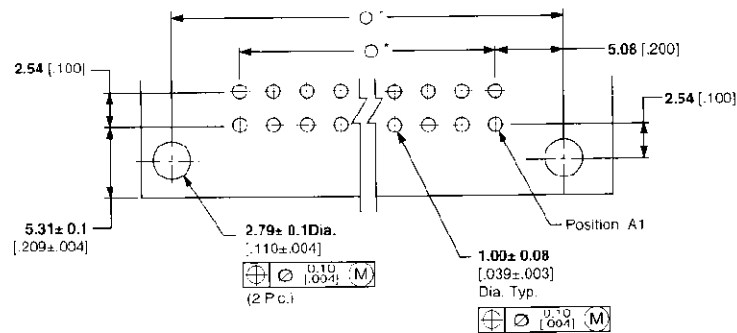
Number of Positions	Rows Loaded	Dimensions				DIN Levels	Part Numbers		
		A	B	C	D		2.49 [.098] Post Length	3.30 [.130] Post Length	4.57 [.180] Post Length
32	A,B	54.34 2.100	49.35 1.943	38.10 1.500	44.35 1.746	II	536445-5	536446-5	650858-5
							—	536460-5¹	536461-5¹

¹With Boardlocks

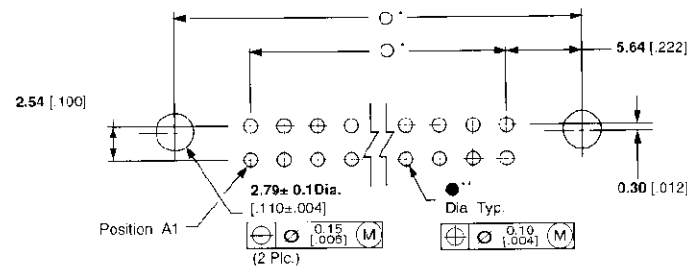
Type B Assemblies

Recommended PC Board Hole Layouts, Viewed from Connector Side

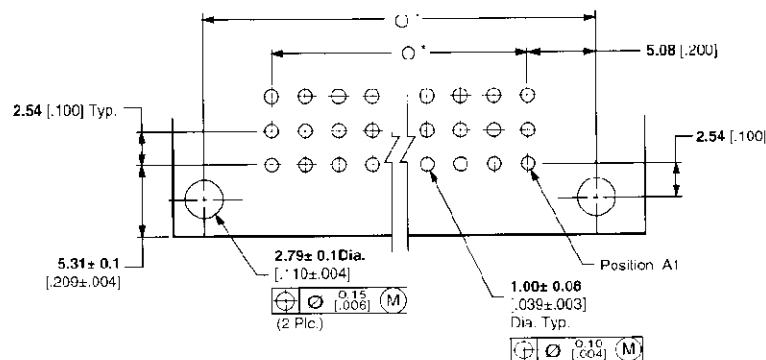
Type B Pin and Type Q Receptacle Assemblies



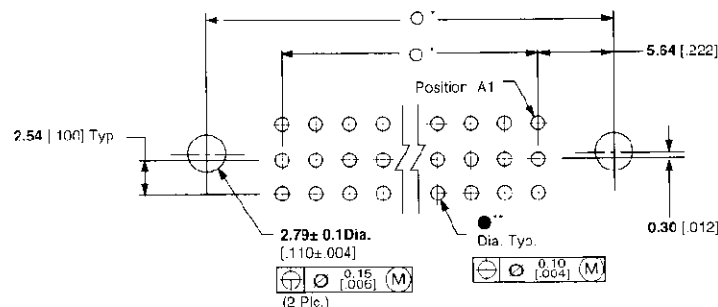
Type Q Pin and Type B Receptacle Assemblies



Type C Pin and Type R Receptacle Assemblies



Type R Pin and Type C Receptacle Assemblies



- For specific dimensions, refer to appropriate customer drawing.
- For hole diameter for ACTION PIN posts, refer to page 77 in this catalog. For hole diameter for solder posts, refer to appropriate customer drawing.

-
- Home

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AMP

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.100 & .200 Centerline DIN 41612 Connectors (Eurocard)

Eurocard Type B Connectors .100 Centerline - 2 Row

AMP

 650859-5

Active

[Active](#)

(Tyco Electronics P/N: 650859-5)

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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:	
Brand:	AMP
Mating Type:	Receptacle
No. of Positions:	64
PCB Mount Angle:	Vertical
Post Type:	Solder Post
Termination Post Length (mm [in]):	2.49 [0.098]
Make First / Break Last:	No
Contact Cross Section (mm [in]):	0.30 x 0.61 [.012 x .024]
Bus Type:	CIMBUS, STE Bus
DIN Level:	II

Other Properties:	
Rows Loaded:	A, B
Terminate To:	Printed Circuit Board
Contact Material:	Phosphor Bronze
Housing Material:	Polyester
Color:	Gray
Housing Flammability Rating:	UL 94V-0

Size:	Standard
Special PCB Retention:	No
Flux-Tight Coating:	Without

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