

Four-Row Pin Assemblies With One Guide Hole

Vertical Posts

Material and Finish:

Housing—Brown glass-filled polyphenylene sulfide

Contacts—Phosphor bronze, plated as follows:

A .000030 [0.00076] gold in contact area; tin on posts, with entire contact underplated .000050-.000100 [0.00127-0.00254] nickel

B Gold flash over .000050-.000100 [0.00127-0.00254] nickel on entire contact, with .000030 [0.00076] gold in contact area and for .200 [5.08] from tip of wrap-type post

Related Product Data:

Mateable Connectors—pages 19, 79

Accessories:

Shrouds—page 41

Guide/Power Pins—pages 46, 47

Static Discharge Guide/Power

Pins—page 46

Guide Pins—page 48

Keys—page 49

Jackscrews—pages 50, 51

PCB Hole Layouts—page 54

Application Tooling—pages 61-65

MFBL Capabilities—pages 76, 77

Technical Documents (page 112):

AMP Product Specifications

108-9063, 108-16

AMP Application Specification

114-9008

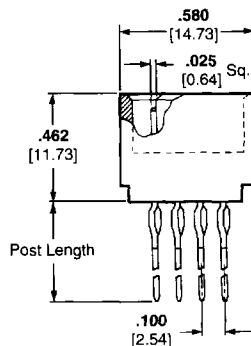
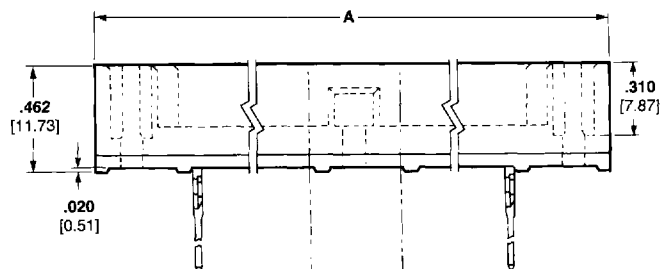
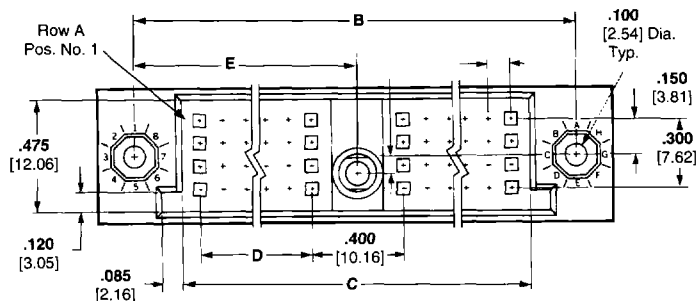
AMP Instruction Sheets 408-2636,

408-6626, 408-6909, 408-6927,

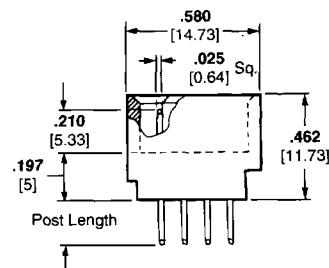
408-9007, 408-9038, 408-9142,

408-9185

Note: Housing with center mounting is recommended for assemblies having 75 contacts or more per row.



ACTION PIN Posts



Solder Posts

Four-Row Pin Assemblies With One Guide Hole (Continued)

No. of Pos.	Dimensions					Post Length	Contact Finish	Part Numbers*	
	A	B	C	D	E			ACTION PIN Posts	Solder Posts
320	9.050 229.87	8.750 222.25	8.350 212.09	3.900 99.06	4.375 111.12	.733 18.62	A	532921-1	—
						.533 13.54	A	533445-1	—
							B	532933-1	—
						.250 6.35	A	533447-1	—
						.190 4.83	A	—	533083-1
344	9.650 245.11	9.350 237.49	8.950 227.33	4.200 106.68	4.675 118.74	.533 13.54	A	533445-2	—
							B	532933-2	—
						.250 6.35	A	533447-2	—
						.190 4.83	A	—	533083-2
						.733 18.62	A	532921-3	—
368	10.250 260.35	9.950 252.73	9.550 242.57	4.500 114.30	4.975 126.36	.533 13.54	A	533445-3	—
							B	532933-3	—
						.250 6.35	A	533447-3	—
						.190 4.83	A	—	533083-3
						.533 13.54	A	533445-4	—
392	10.850 275.59	10.550 267.97	10.150 257.81	4.800 121.92	5.275 133.98		B	532933-4	—
						.250 6.35	A	532447-4	—
						.190 4.83	A	—	533083-4
						.533 13.54	A	533445-5	—
							B	532933-5	—
416	11.450 290.83	11.150 283.21	10.750 273.05	5.100 129.54	5.575 141.60	.250 6.35	A	533447-5	—
						.190 4.83	A	—	533083-5
						.733 18.62	A	532921-6	—
						.533 13.54	A	532933-6	—
							B	532933-6	—
440	12.050 306.07	11.750 298.45	11.350 288.29	5.400 137.16	5.875 149.22	.250 6.35	A	533447-6	—
						.190 4.83	A	—	533083-6
						.533 13.54	A	533445-7	—
							B	532933-7	—
						.250 6.35	A	533447-7	—
464	12.650 321.31	12.350 313.69	11.950 303.53	5.700 144.78	6.175 156.84	.190 4.83	A	—	533083-7
						.533 13.54	A	533445-8	—
							B	532933-8	—
						.250 6.35	A	533447-8	—
						.190 4.83	A	—	533083-8

*Connectors with other post style/length/plating combinations can be made available, consult AMP.

Four-Row Pin Assemblies With One Guide Hole (Continued)

Right-Angle Solder Posts

Material and Finish:

Housing—Brown glass-filled
polyphenylene sulfide

Contacts—Phosphor bronze, plated
.000030 [0.00076] gold in contact area;
tin on posts, with entire contact under-
plated .000050-.000100
[0.00127-0.00254] nickel

Related Product Data:

Mateable Connectors—pages 19, 79

Accessories:

Guide/Power Pins—pages 46, 47

**Static Discharge Guide/Power
Pins**—page 46

Guide Pins—page 48

Keys—page 49

Jackscrews—pages 50, 51

**Mounting Ears (Purchase
Separately)**—page 52

PCB Hole Layouts—page 54

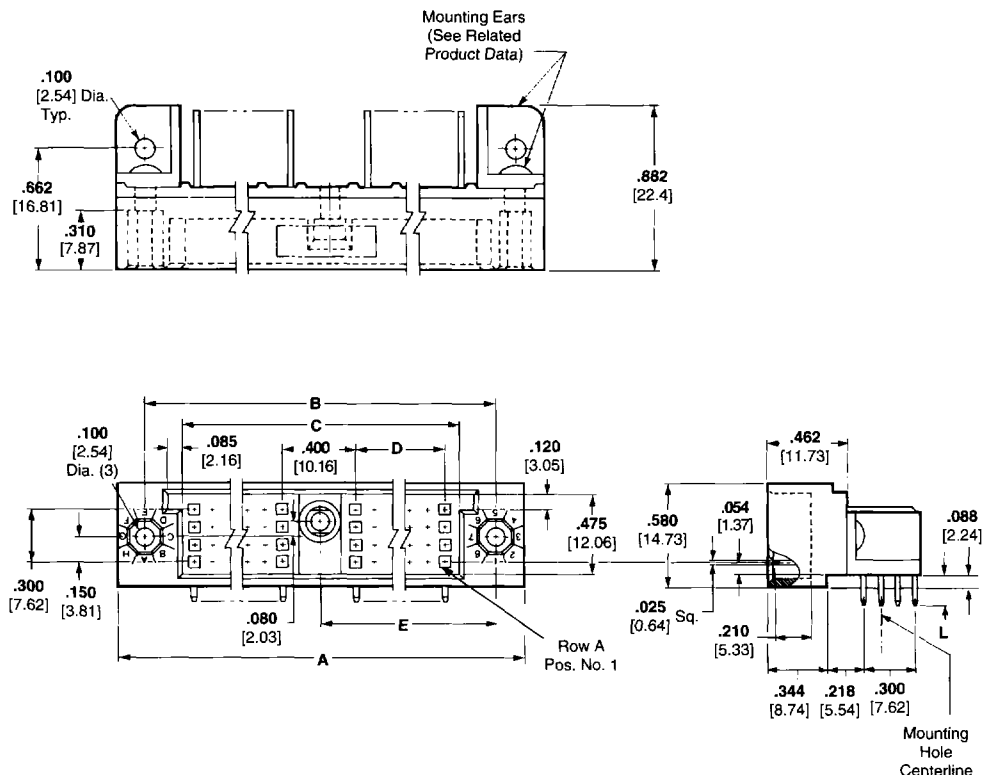
Technical Documents (page 112):

AMP Product Specification
108-9063

AMP Application Specification
114-9008

AMP Instruction Sheets 408-6626,
408-6909, 408-9007

Note: Housing with center guide is
recommended for assemblies having
75 contacts or more per row.



No. of Pos.	Dimensions					Part Numbers* (L = .180 [4.57])
	A	B	C	D	E	
320	9.050 229.87	8.750 222.25	8.350 212.09	3.900 99.06	4.375 111.12	533523-1
344	8.650 245.11	9.350 237.49	8.950 227.33	4.200 106.68	4.675 118.74	533523-2
368	10.250 260.35	9.950 252.73	9.550 242.57	4.500 114.30	4.975 126.36	533523-3
392	10.850 275.59	10.550 267.97	10.150 257.81	4.800 121.92	5.275 133.98	533523-4
416	11.450 290.83	11.150 283.21	10.750 273.05	5.100 129.54	5.575 141.60	533523-5
440	12.050 306.07	11.750 298.45	11.350 288.29	5.400 137.16	5.875 149.22	533523-6
464	12.650 321.31	12.350 313.69	11.950 303.53	5.700 144.78	6.175 156.84	533523-7
488	13.250 336.55	12.950 328.93	12.550 318.77	6.000 152.40	6.475 164.46	533523-8

*Connectors with other post lengths can be made available, consult AMP.