Micro-Strip Interconnection Systems (Continued)

Vertical Plugs with ACTION PIN Contacts

10.92 [.430] Stacking Height*

Material and Finish

Housing—High-temperature thermoplastic, flame retardant

Bus Bar**—Phosphor bronze; duplex plated 0.00076 [.000030] gold in mating area, 0.00254 [.000100] tin-lead in terminating area, with entire bus underplated 0.00127 [.000050] nickel

Signal Pin—Phosphor bronze; duplex plated 0.00076 [.000030] gold in mating area, 0.00254 [.000100] tin-lead in terminating area, with entire contact underplated 0.00127 [.000050] nickel

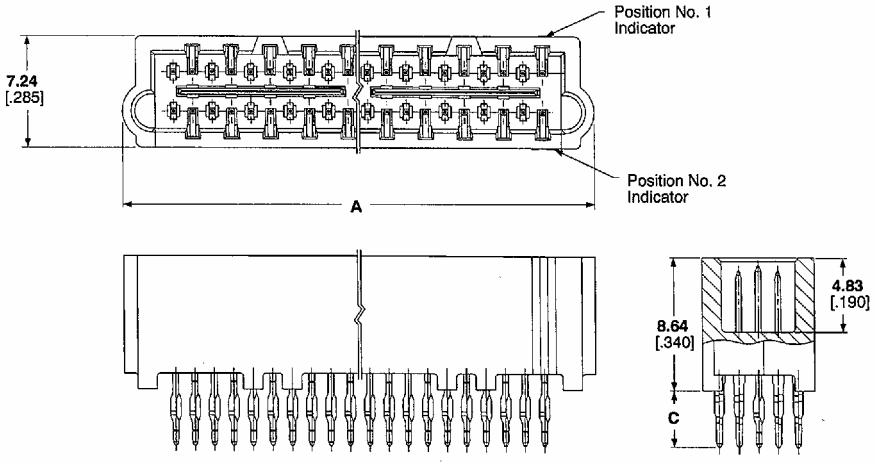
Related Product Data

Performance Characteristics—page 332
Mating Receptacles—pages 338, 339 and 341
ACTION PIN Contacts—pages 335 and 336
Application Tooling—pages 344 and 345
Technical Documents—page 331

Packaging—Tube

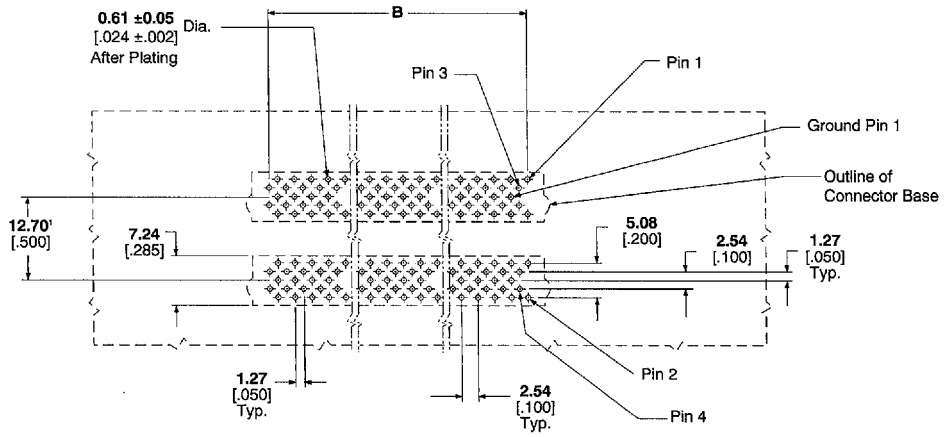
*10.92 [.430] is the minimum stacking height. Connector tolerances may increase the stacking height by as much as 0.76 [.030] in actual application.

**Vertical plugs without bus bars are available. Consult AMP.



No. of Positions	Dimensions		Part Numbers	
	A	B	C=3.68 [.145]	C=4.83 [.190]
40	**30.84** 1.214	**24.13** .950	536274-1	536294-1
60	**43.54** 1.714	**36.83** 1.450	536274-2	536294-2
80	**56.24** 2.214	**49.53** 1.950	536274-3	536294-3
100	**68.94** 2.714	**62.23** 2.450	536274-4	536294-4
120	**81.64** 3.214	**74.93** 2.950	536274-5	536294-5
140	**94.34** 3.714	**87.63** 3.450	536274-6	536294-6
160	**107.04** 4.214	**100.33** 3.950	536274-7	536294-7
180	**119.74** 4.714	**113.03** 4.450	536274-8	536294-8
200	**132.44** 5.214	**125.73** 4.950	536274-9	536294-9

Recommended PC Board Layout



Component Side of Board

'Minimum functional spacing when mated with a right-angle receptacle mounted to a 1.58 [.062] thick PC board.

Micro-Strip Interconnection Systems (Continued)

Vertical Plugs with Guides and ACTION PIN Contacts

10.92 [.430] Stacking Height*

Material and Finish

Housing—High-temperature thermoplastic, flame retardant

Bus Bar**—Phosphor bronze; duplex plated 0.00076 [.000030] gold in mating area, 0.00254 [.000100] tin-lead in terminating area, with entire bus underplated 0.00127 [.000050] nickel

Signal Pin—Phosphor bronze; duplex plated 0.00076 [.000030] gold in mating area, 0.00254 [.000100] tin-lead in terminating area, with entire contact underplated 0.00127 [.000050] nickel

Related Product Data

Performance Characteristics—page 332
Mating Receptacles—page 340
ACTION PIN Contacts—pages 335 and 336
Application Tooling—pages 344 and 345
Technical Documents—page 331

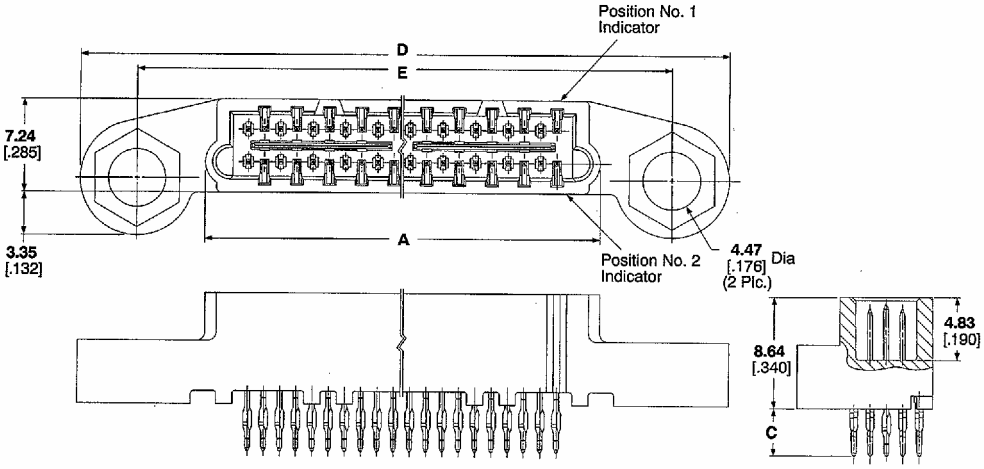
Packaging—Tube

*10.92 [.430] is the minimum stacking height. Connector tolerances may increase the stacking height by as much as 0.76 [.030] in actual application.

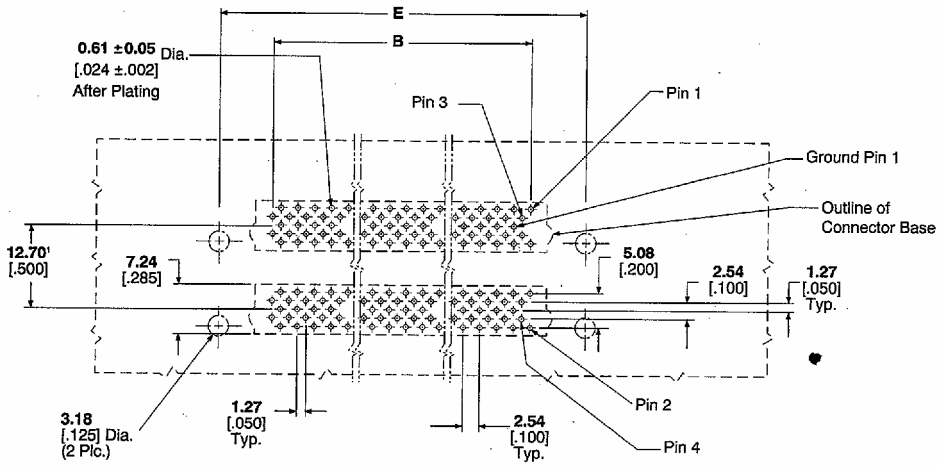
**Vertical plugs without bus bars are available. Consult AMP.

Note: Guide Pins must be purchased separately; order Part Number 536304-2.

Recommended PC Board Layout



No. of Positions	Dimensions				Part Numbers	
	A	B	D	E	C=3.68 [.145]	C=4.83 [.190]
140	**94.34** 3.714	**87.63** 3.450	**114.30** 4.500	**105.41** 4.150	536275-6	536276-6
160	**107.04** 4.214	**100.33** 3.950	**127.00** 5.000	**118.11** 4.650	536275-1	536276-1
180	**119.74** 4.714	**113.03** 4.450	**139.70** 5.500	**130.81** 5.150	536275-2	536276-2
200	**132.44** 5.214	**125.73** 4.950	**152.40** 6.000	**143.51** 5.560	536275-3	536276-3
220	**145.14** 5.714	**128.43** 5.450	**165.10** 6.500	**156.21** 6.150	536275-4	536276-4
240	**157.84** 6.214	**151.13** 5.950	**177.80** 7.000	**168.91** 6.650	536275-5	536276-5



Component Side of Board

[1]Minimum functional spacing when mated with a right-angle receptacle mounted to a 1.58 [.062] thick PC board.