

Mod. II Receptacle Assemblies
Double Row, .100 x .100 Centers

For drawings, technical data or samples, contact your AMP sales engineer or call the AMP Product Information Center 1-800-522-6752. Dimensions are shown for reference purposes only.

**Closed Top Entry,
 .100 x .150 Mounting
 Pattern**

Material:

Housing—Black glass-filled polyester, flame retardant

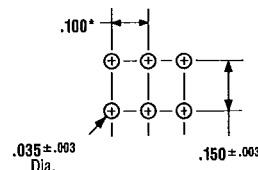
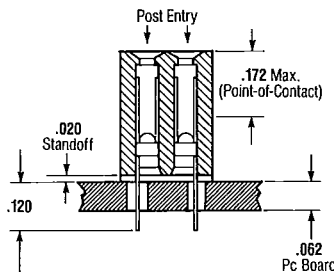
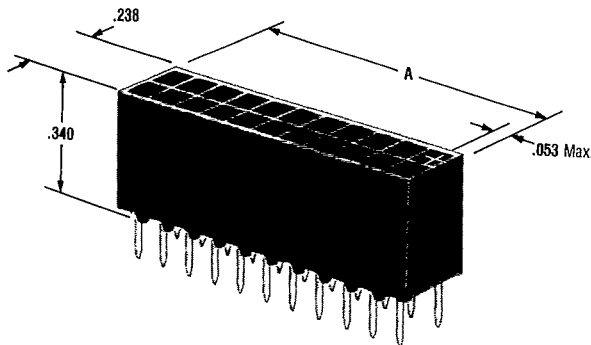
Contacts—Phosphor bronze, duplex plated .000030 gold on contact area, .000050-.000100 bright tin-lead on solder area, with entire receptacle underplated .000050 nickel

Related Product Data:

Mateable Connectors—Refer to the Mating Post Selection Guide—page 3

Performance Characteristics—page 8

Technical Documents—page 100



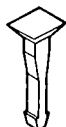
**Recommended Pc Board
 Hole Layout Alternate
 (Closed bottom)**

* ± .003 tolerances not to accumulate within one connector pattern.

Mod. II Vertical Mount

Keying Plug

Material: Natural color nylon

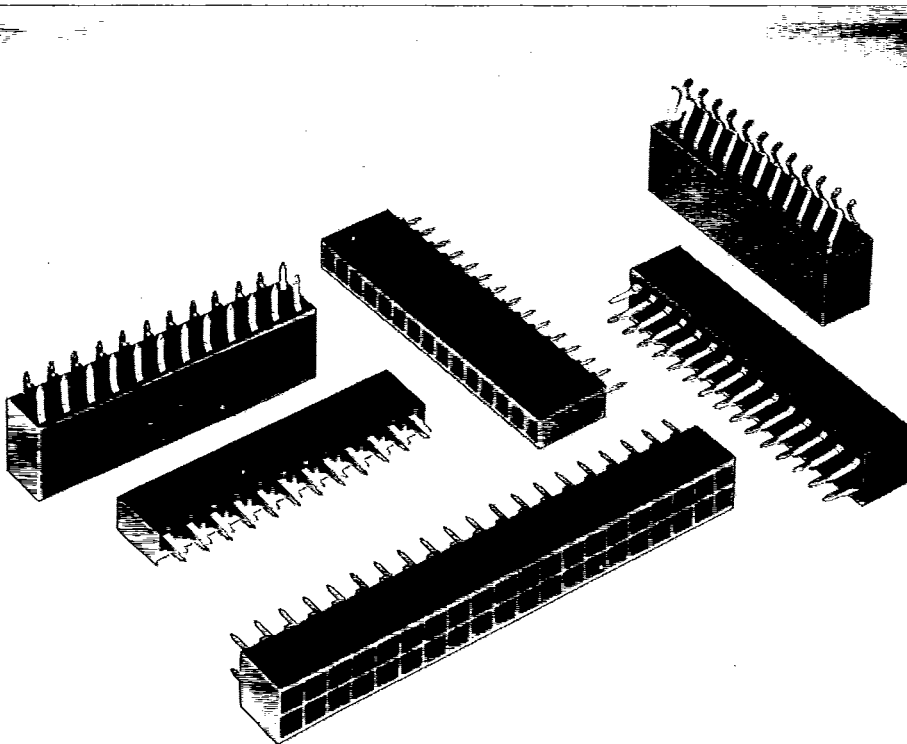


Part No. 86286-1
 (Plugs into receptacle contact)

No. of Pos.	A Dim.	Part Numbers	No. of Pos.	A Dim.	Part Numbers
2	.100	534236-1	42	2.100	2-534236-1
4	.200	534236-2	44	2.200	2-534236-2
6	.300	534236-3	46	2.300	2-534236-3
8	.400	534236-4	48	2.400	2-534236-4
10	.500	534236-5	50	2.500	2-534236-5
12	.600	534236-6	52	2.600	2-534236-6
14	.700	534236-7	54	2.700	2-534236-7
16	.800	534236-8	56	2.800	2-534236-8
18	.900	534236-9	58	2.900	2-534236-9
20	1.000	1-534236-0	60	3.000	3-534236-0
22	1.100	1-534236-1	62	3.100	3-534236-1
24	1.200	1-534236-2	64	3.200	3-534236-2
26	1.300	1-534236-3	66	3.300	3-534236-3
28	1.400	1-534236-4	68	3.400	3-534236-4
30	1.500	1-534236-5	70	3.500	3-534236-5
32	1.600	1-534236-6	72	3.600	3-534236-6
34	1.700	1-534236-7	74	3.700	3-534236-7
36	1.800	1-534236-8	76	3.800	3-534236-8
38	1.900	1-534236-9	78	3.900	3-534236-9
40	2.000	2-534236-0	80	4.000	4-534236-0

Notes: 1. AMP part number and date code stamped on housing where size permits.
 2. AMP recommends mating gold or duplex plated headers with duplex plated receptacles.

Receptacle Assemblies, Vertical and Edge Mount



Vertical and Edge Mount

Performance Characteristics:

Mechanical Characteristics

Insertion Force—6.0 oz. per contact (max.)

Withdrawal Force—1.0 oz. per contact (min.)

Durability—200 cycles

Environmental Characteristics:

Operating Temperature—

Glass-filled polyester—-65°C to +125°C

Glass-filled nylon—-65°C to +105°C

Electrical Characteristics


Current Rating—3.0 amperes (max.) for single contact; 2.0 amperes (max.) per contact when connector is fully energized

Contact Resistance—12 milliohms (max.)

Insulation resistance—5000 megohms (min.) between adjacent contacts

Dielectric Withstanding Voltage (at sea level)—750 V rms

Product Facts

- Dual-cantilever beam contact with box design and anti-overstress protection
- Single-row assemblies have .100 centerline contact spacing; double-row assemblies have .100 x .100 centerline contact spacing
- 3 through 40 positions in single-row assemblies; 2 through 80 positions in double-row assemblies
- Mod. II Standard (.340) and Mod. IV low (.265) profiles
- Available as a card extender connector for pc board edge mounting
- Mod. II standard profile available in top entry
- Mod. IV low profile available in top and bottom entry
- Duplex gold and bright tin-lead plated contacts have full nickel underplate
- Glass-filled polyester or nylon flame retardant housings
- Standoffs for easy flux cleaning
- All assemblies are end stackable
- Recognized under the Component Program of Underwriters Laboratories Inc., File No. E28476 
- Certified by Canadian Standards Association, File No. LR 16455 