

Standard Profile Headers—Shrouded

Product Facts

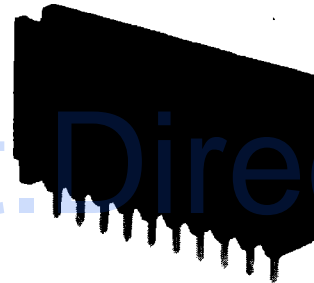
- Available in several styles—right-angle with three- and four-sided pin protection, and straight post with pin protection and mounting ears
- Can be used for feed-to and feed-thru applications
- Housings are black thermoplastic, flame retardant 94V-0 rated
- Contacts are copper alloy
- Available in gold duplex, gold over nickel and tin-lead over nickel platings

- Headers with .066 [1.68] and .150 [3.81] end dimensions are available in select sizes up to 60 positions
- Can be select loaded, consult AMP
- Recognized under the Component Program of Underwriters Laboratories Inc., File No. E28476
- Certified by Canadian Standards Association, File No. LR 7189



Standard Profile Headers—Shrouded, Single-Row, .100 [2.54] Centers

.025 [0.64] Square Straight Post (with Standoffs)



- Plating A**—Duplex plated .000030 [0.00076] gold on contact area, .000100-.000200 [0.00254-0.00508] tin-lead on solder area, with entire post underplated .000050 [0.00127] nickel
- Plating B**—Duplex plated .000015 [0.00038] gold on contact area, .000100-.000200 [0.00254-0.00508] tin-lead on solder area, with entire post underplated .000050 [0.00127] nickel
- Plating C**—.000100-.000200 [0.00254-0.00508] tin-lead over .000050 [0.00127] nickel on entire post

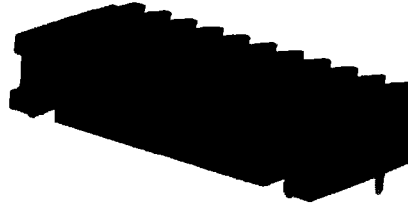
Note: 15 Pos. Housing Dim. (Typ.)—1.620 [41.15] L x .214 [5.44] W x .549 [13.94] H

No. of Pos.	Post Plating Part Nos.		
	Plating A	Plating B	Plating C
3	103414-1	3-102202-4	103080-1
4	103414-2	102202-1	103080-2
5	103414-3	102202-2	103080-3
6	103414-4	102202-3	103080-4
7	103414-5	102202-4	103080-5
8	103414-6	102202-5	103080-6
9	103414-7	102202-6	103080-7
10	103414-8	102202-7	103080-8
11	103414-9	102202-8	103080-9
12	1-103414-0	102202-9	1-103080-0
13	1-103414-1	1-102202-0	1-103080-1
14	1-103414-2	1-102202-1	1-103080-2
15	1-103414-3	1-102202-2	1-103080-3
16	1-103414-4	1-102202-3	1-103080-4
17	1-103414-5	1-102202-4	1-103080-5
18	1-103414-6	1-102202-5	1-103080-6
19	1-103414-7	1-102202-6	1-103080-7
20	1-103414-8	1-102202-7	1-103080-8
22	2-103414-0	1-102202-9	2-103080-0
24	2-103414-2	2-102202-1	2-103080-2
25	2-103414-3	2-102202-2	2-103080-3
30	2-103414-8	2-102202-7	2-103080-8
35	3-103414-3	3-102202-2	3-103080-3

Note: Additional header sizes are available; minimum order quantities may apply. Consult AMP.

Printed Circuit Board Connectors
.025 Square Interconnection System (AMPMODU)

Standard Profile Headers—Shrouded, Single-Row, .100 [2.54] Centers
(Continued)



.025 [0.64] Square Right-Angle Post (with Standoffs)

Plating A—Duplex plated .000030 [0.00076] gold on contact area, .000100-.000200 [0.00254-0.00508] tin-lead on solder area, with entire post underplated .000050 [0.00127] nickel

Plating B—Duplex plated .000015 [0.00038] gold on contact area, .000100-.000200 [0.00254-0.00508] tin-lead on solder area, with entire post underplated .000050 [0.00127] nickel

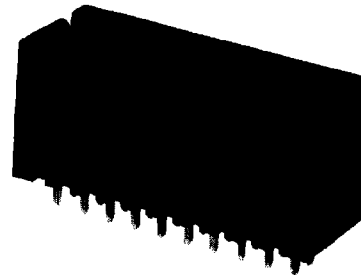
Plating C—.000100-.000200 [0.00254-0.00508] tin-lead over .000050 [0.00127] nickel on entire post

Note: 9 Pos. Housing Dim. (Typ.)—1.020 [25.91] L x .549 [13.94] W x .214 [5.44] H

No. of Pos.	Post Plating/Part Nos.		
	Plating A	Plating B	Plating C
3	103361-1	3-102203-4	102523-2
4	103361-2	102203-1	102523-1
5	103361-3	102203-2	102523-3
6	103361-4	102203-3	102523-4
7	103361-5	102203-4	102523-5
8	103361-6	102203-5	102523-6
9	103361-7	102203-6	102523-7
10	103361-8	102203-7	102523-8
12	1-103361-0	102203-9	1-102523-0
14	1-103361-2	1-102203-1	1-102523-2
16	1-103361-4	1-102203-3	1-102523-4
18	1-103361-6	1-102203-5	1-102523-6
20	1-103361-8	1-102203-7	1-102523-8

Note: Additional header sizes are available; minimum order quantities may apply. Consult AMP.

Standard Profile Headers—Shrouded, with .066 [1.68] End Dimension, Double-Row, .100 x .100 [2.54 x 2.54] Centers



.025 [0.64] Square Straight Post (with Detent Windows)

Plating A—Duplex plated .000030 [0.00076] gold on contact area, .000100-.000200 [0.00254-0.00508] tin-lead on solder area, with entire post underplated .000050 [0.00127] nickel

Plating B—Duplex plated .000015 [0.00038] gold on contact area, .000100-.000200 [0.00254-0.00508] tin-lead on solder area, with entire post underplated .000050 [0.00127] nickel

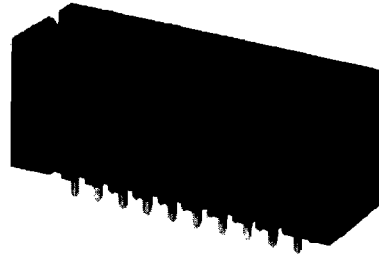
Plating C—.000100-.000200 [0.00254-0.00508] tin-lead over .000050 [0.00127] nickel on entire post

Note: 24 Pos. Housing Dim. (Typ.)—1.312 [33.32] L x .400 [10.16] W x .440 [11.18] H

No. of Pos.	Post Plating/Part Nos.		
	Plating A	Plating B	Plating C
6	103168-1	102618-1	3-87589-6
8	103168-2	102618-2	3-87589-5
10	103168-3	102618-3	87589-1
12	103168-4	102618-4	87589-2
14	103168-5	102618-5	87589-3
16	103168-6	102618-6	87589-4
18	103168-7	102618-7	87589-5
20	103168-8	102618-8	87589-6
22	103168-9	102618-9	87589-7
24	1-103168-0	1-102618-0	87589-8
26	1-103168-1	1-102618-1	87589-9
28	1-103168-2	1-102618-2	1-87589-0
30	1-103168-3	1-102618-3	1-87589-1
32	1-103168-4	1-102618-4	1-87589-2
34	1-103168-5	1-102618-5	1-87589-3
36	1-103168-6	1-102618-6	1-87589-4
38	1-103168-7	1-102618-7	1-87589-5
40	1-103168-8	1-102618-8	1-87589-6
50	2-103168-3	2-102618-3	2-87589-1
60	2-103168-8	2-102618-8	2-87589-6

Note: Additional header sizes are available; minimum order quantities may apply. Consult AMP.

Standard Profile Headers—Shrouded, with .150 [3.81] End Dimension, Double-Row, .100 x .100 [2.54 x 2.54] Centers



.025 [0.64] Square Straight Post (with Detent Windows)

Note: 24 Pos. Housing Dim. (Typ.)—1.480 [37.59] L x .400 [10.16] W x .440 [11.18] H

Plating A—Duplex plated .000030 [0.00076] gold on contact area, .000100-.000200 [0.00254-0.00508] tin-lead on solder area, with entire post underplated .000050 [0.00127] nickel

Plating B—Duplex plated .000015 [0.00038] gold on contact area, .000100-.000200 [0.00254-0.00508] tin-lead on solder area, with entire post underplated .000050 [0.00127] nickel

Plating C— .000100-.000200 [0.00254-0.00508] tin-lead over .000050 [0.00127] nickel on entire post

No. of Pos.	Post Plating/Part Nos.		
	Plating A	Plating B	Plating C
6	103169-1	102619-1	3-87587-3
8	103169-2	102619-2	3-87587-4
10	103169-3	102619-3	87587-1
12	103169-4	102619-4	87587-2
14	103169-5	102619-5	87587-3
16	103169-6	102619-6	87587-4
18	103169-7	102619-7	87587-5
20	103169-8	102619-8	87587-6
22	103169-9	102619-9	87587-7
24	1-103169-0	1-102619-0	87587-8
26	1-103169-1	1-102619-1	87587-9
28	1-103169-2	1-102619-2	1-87587-0
30	1-103169-3	1-102619-3	1-87587-1
32	1-103169-4	1-102619-4	1-87587-2
34	1-103169-5	1-102619-5	1-87587-3
36	1-103169-6	1-102619-6	1-87587-4
38	1-103169-7	1-102619-7	1-87587-5
40	1-103169-8	1-102619-8	1-87587-6
50	2-103169-3	2-102619-3	2-87587-1
60	2-103169-8	2-102619-8	2-87587-6

Note: Additional header sizes are available; minimum order quantities may apply. Consult AMP.

Printed Circuit Board Connectors .025 Square Interconnection System (AMPMODU)

.025 [0.64] Square Straight Post (with Plastic Holddowns)



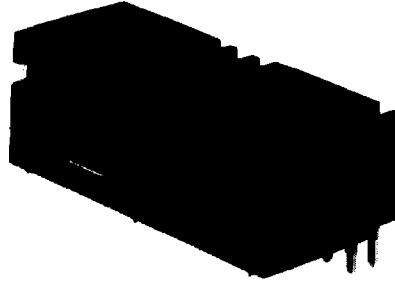
Note: 24 Pos. Housing Dim. (Typ.)—1.480 [37.59] L x .400 [10.16] W x .440 [11.18] H

No. of Pos.	Part Nos.	No. of Pos.	Part Nos.
6	104317-1	30	1-104317-0
12	104317-3	32	1-104317-1
14	104317-4	34	1-104317-8
16	1-104317-6	36	1-104317-7
18	104317-5	40	1-104317-2
20	104317-6	42	1-104317-5
22	104317-7	48	1-104317-3
24	104317-8	50	1-104317-4
26	104317-9		

Note: Additional header sizes are available; minimum order quantities may apply. Consult AMP.

Standard Profile Headers—Shrouded, with .066 [1.68] End Dimension, Double-Row, .100 x .100 [2.54 x 2.54] Centers

.025 [0.64] Square Right-Angle Post (with Detent Windows)



Note: 16 Pos. Housing Dim. (Typ.)—.912 [23.16] L x .639 [16.23] W x .400 [10.16] H

Plating A—Duplex plated .000030 [0.00076] gold on contact area, .000100-.000200 [0.00254-0.00508] tin-lead on solder area, with entire post underplated .000050 [0.00127] nickel

Plating B—Duplex plated .000015 [0.00038] gold on contact area, .000100-.000200 [0.00254-0.00508] tin-lead on solder area, with entire post underplated .000050 [0.00127] nickel

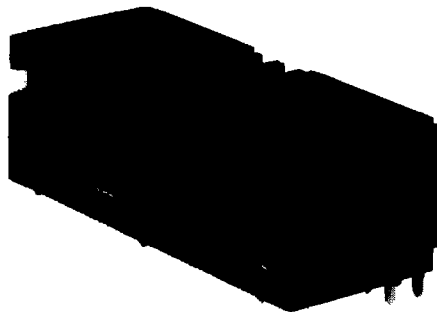
Plating C—.000100-.000200 [0.00254-0.00508] tin-lead over .000050 [0.00127] nickel on entire post

No. of Pos.	Post Plating/Part Nos.		
	Plating A	Plating B	Plating C
6	103166-1	102617-1	3-87579-5
8	103166-2	102617-2	87579-1
10	103166-3	102617-3	87579-2
12	103166-4	102617-4	87579-3
14	103166-5	102617-5	87579-4
16	103166-6	102617-6	87579-5
18	103166-7	102617-7	87579-6
20	103166-8	102617-8	87579-7
40	1-103166-8	1-102617-8	1-87579-7
50	2-103166-3	2-102617-3	2-87579-2
60	2-103166-8	2-102617-8	2-87579-7

Note: Additional header sizes are available; minimum order quantities may apply. Consult AMP.

Standard Profile Headers—Shrouded, with .150 [3.81] End Dimension, Double-Row, .100 x .100 [2.54 x 2.54] Centers

.025 [0.64] Square Right-Angle Post (with Detent Windows)



Note: 16 Pos. Housing Dim. (Typ.)—.1080 [27.43] L x .639 [16.23] W x .400 [10.16] H

Plating A—Duplex plated .000030 [0.00076] gold on contact area, .000100-.000200 [0.00254-0.00508] tin-lead on solder area, with entire post underplated .000050 [0.00127] nickel

Plating B—Duplex plated .000015 [0.00038] gold on contact area, .000100-.000200 [0.00254-0.00508] tin-lead on solder area, with entire post underplated .000050 [0.00127] nickel

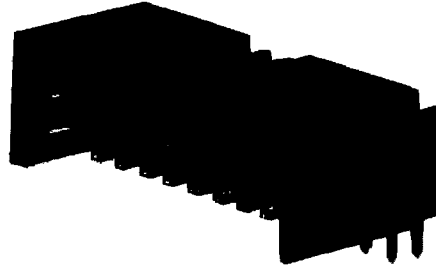
Plating C—.000100-.000200 [0.00254-0.00508] tin-lead over .000050 [0.00127] nickel on entire post

No. of Pos.	Post Plating/Part Nos.		
	Plating A	Plating B	Plating C
8	103167-1	102570-2	87577-1
10	103167-2	102570-3	87577-2
12	103167-3	102570-4	87577-3
14	103167-4	102570-5	87577-4
16	103167-5	102570-6	87577-5
18	103167-6	102570-7	87577-6
20	103167-7	102570-8	87577-7
40	1-103167-7	102570-1	1-87577-7
50	2-103167-2	2-102570-2	2-87577-2
60	2-103167-7	2-102570-7	2-87577-7

Note: Additional header sizes are available; minimum order quantities may apply. Consult AMP.

Printed Circuit Board Connectors
.025 Square Interconnection System (AMPMODU)

Standard Profile Headers—Shrouded, with .066 [1.68] End Dimension, Double-Row, .100 x .100 [2.54 x 2.54] Centers



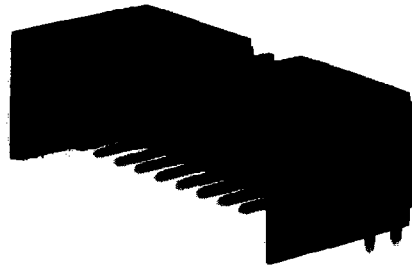
.025 [0.64] Square Right-Angle Post (with Pin Protection on 3 Sides)

Note: 16 Pos. Housing Dim (Typ.)—.912 [23.16] L x .639 [16.23] W x .361 [9.17] H

No. of Pos.	Post Plating/Part Nos.		
	Plating A	Plating B	Plating C
6	103164-1	102055-2	3-87572-5
8	103164-2	102055-3	87572-1
10	103164-3	102055-4	87572-2
12	103164-4	102055-5	87572-3
14	103164-5	102055-6	87572-4
16	103164-6	102055-7	87572-5
18	103164-7	102055-8	87572-6
20	103164-8	102055-1	87572-7
34	1-103164-5	1-102055-5	1-87572-4
40	1-103164-8	1-102055-8	1-87572-7
50	2-103164-3	2-102055-3	2-87572-2
60	2-103164-8	2-102055-8	2-87572-7

Note: Additional header sizes are available; minimum order quantities may apply. Consult AMP.

Standard Profile Headers—Shrouded, with .150 [3.81] End Dimension, Double-Row, .100 x .100 [2.54 x 2.54] Centers



.025 [0.64] Square Right-Angle Post (with Pin Protection on 3 Sides)

Note: 18 Pos. Housing Dim. (Typ.)—1.180 [29.97] L x .639 [16.23] W x .361 [9.17] H

No. of Pos.	Post Plating/Part Nos.		
	Plating A	Plating B	Plating C
10	103165-1	102620-1	87568-1
12	103165-2	102620-2	87568-2
14	103165-3	102620-3	87568-3
16	103165-4	102620-4	87568-4
18	103165-5	102620-5	87568-5
20	103165-6	102620-6	87568-6
40	1-103165-6	1-102620-6	1-87568-6
50	2-103165-1	2-102620-1	2-87568-1
60	2-103165-6	2-102620-6	2-87568-6

Note: Additional header sizes are available; minimum order quantities may apply. Consult AMP.

Plating A—Duplex plated .000030 [0.00076] gold on contact area, .000100-.000200 [0.00254-0.00508] tin-lead on solder area, with entire post underplated .000050 [0.00127] nickel
Plating B—Duplex plated .000015 [0.00038] gold on contact area, .000100-.000200 [0.00254-0.00508] tin-lead on solder area, with entire post underplated .000050 [0.00127] nickel
Plating C—.000100-.000200 [0.00254-0.00508] tin-lead over .000050 [0.00127] nickel on entire post

Standard Profile Headers—Shrouded, with .150 [3.81] End Dimension, Double-Row, .100 x .100 [2.54 x 2.54] Centers
(Continued)

.025 [0.64] Square Right-Angle Post (with Plastic Holddowns)

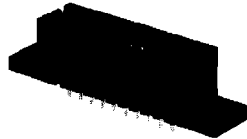


Note: 20 Pos. Housing Dim. (Typ.)—1.280 [32.51] L x .639 [16.23] W x .400 [10.16] H

No. of Pos.	Part Nos.	No. of Pos.	Part Nos.
10	104319-7	30	104319-3
12	104319-8	34	104319-6
14	104319-5	40	104319-4
16	104319-1	48	104319-9
20	104319-2		

Note: Additional header sizes are available; minimum order quantities may apply. Consult AMP.

.025 [0.64] Square Straight Post (with Detent Windows and Mounting Ears)

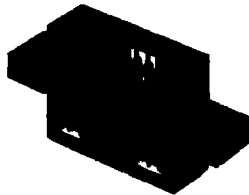


Note: 34 Pos. Housing Dim. (Typ.)—2.504 [63.60] L x .400 [10.16] W x .440 [11.18] H

No. of Pos.	Part Nos.	No. of Pos.	Part Nos.
10	87474-1	40	87474-6
20	87474-2	50	87474-7
24	87474-3		

Note: Additional header sizes are available; minimum order quantities may apply. Consult AMP.

Standard Profile Headers—Shrouded Bulkhead Type; with .066 [1.68] End Dimension, Double-Row, .100 x .100 [2.54 x 2.54] Centers



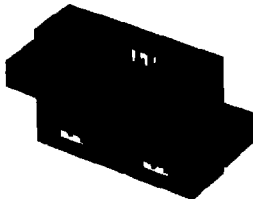
.025 [0.64] Square Straight Post (with Detent Windows and Mounting Ears)

Note: 34 Pos. Housing Dim. (Typ.)—2.504 [63.60] L x .400 [10.16] W x .880 [22.35] H

No. of Pos.	Part Nos.	No. of Pos.	Part Nos.
10	87608-1	34	1-87608-3
12	87608-2	40	1-87608-6
20	87608-6	50	2-87608-1

Note: Additional header sizes are available; minimum order quantities may apply. Consult AMP.

Standard Profile Headers—Shrouded Bulkhead Type; with .150 [3.81] End Dimension, Double-Row, .100 x .100 [2.54 x 2.54] Centers



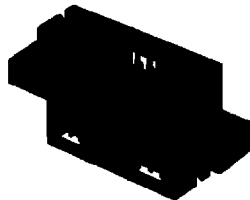
.025 [0.64] Square Straight Post (with Detent Windows and Mounting Ears)

Note: 26 Pos. Housing Dim. (Typ.)—2.104 [63.60] L x .400 [10.16] W x .880 [22.35] H

No. of Pos.	Part Nos.	No. of Pos.	Part Nos.
10	87605-1	34	1-87605-3
20	87605-6	40	1-87605-6
24	87605-8	50	2-87605-1
26	87605-9		

Note: Additional header sizes are available; minimum order quantities may apply. Consult AMP.

Standard Profile Headers—Shrouded Bulkhead Type; with .066/.150 [1.68/3.81] End Dimension, Double-Row, .100 x .100 [2.54 x 2.54] Centers



.025 [0.64] Square Straight Post (with Detent Windows and Mounting Ears)

Note: 34 Pos. Housing Dim. (Typ.)—2.504 [71.22] L x .400 [10.16] W x .880 [22.35] H

No. of Pos.	Part Nos.
24	87496-9
34	1-87496-4
40	1-87496-7

Note: Additional header sizes are available; minimum order quantities may apply. Consult AMP.

Printed Circuit Board Connectors
.025 Square Interconnection System (AMPMODU)