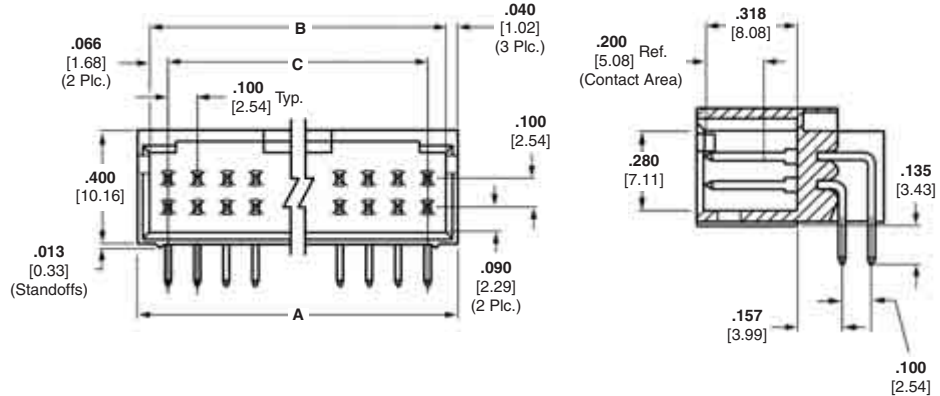


Standard Profile Headers—Shrouded, with .066 [1.68] End Dimension, Double-Row, .100 x .100 [2.54 x 2.54] Centerline

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



Material and Finish

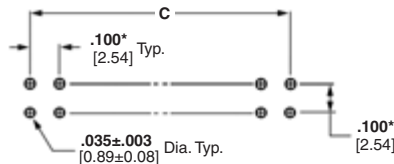
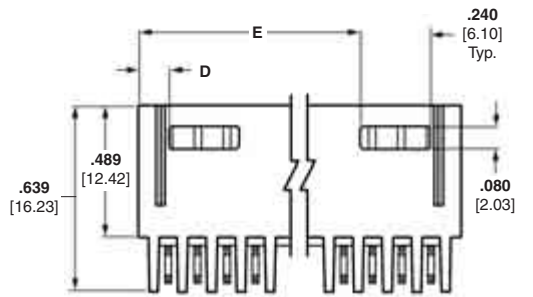
Housing — Black thermoplastic, 94V-0 rated

Posts — Phosphor bronze, plated as follows:

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

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



Recommended PC Board Hole Layout
(for .055 [1.40] min. thick PC board)

*±.003 [±0.08] tolerances not to accumulate within one connector pattern.

Related Product Data

Mateable Connectors

AMPMODU Board Mount

Receptacles — pages 176, 179, 180

AMPMODU Wire-Applied

Receptacles — pages 216-219

AMPMODU MTE Receptacles

— pages 228, 229, 234

AMPMODU MT Receptacles

— pages 256, 257

Technical Documents — page 276

See mating connector for applicable product and application specifications.

No. of Pos.	Dimensions					Post Plating/Part Nos.		
	A	B	C	D	E	Plating A	Plating B	Plating C
6	.412 [10.46]	.332 [8.43]	.200 [5.08]	.106 [2.69]	—	5-103166-1	5-102617-1	8-87579-5
8	.512 [13.00]	.432 [10.97]	.300 [7.62]	.106 [2.69]	—	5-103166-2	5-102617-2	5-87579-1
10	.612 [15.54]	.532 [13.51]	.400 [10.16]	.206 [5.23]	—	5-103166-3	5-102617-3	5-87579-2
12	.712 [18.08]	.632 [16.05]	.500 [12.70]	.206 [5.23]	—	5-103166-4	5-102617-4	5-87579-3
14	.812 [20.62]	.732 [18.59]	.600 [15.24]	.306 [7.77]	—	5-103166-5	5-102617-5	5-87579-4
16	.912 [23.16]	.832 [21.13]	.700 [17.78]	.306 [7.77]	—	5-103166-6	5-102617-6	5-87579-5
18	1.012 [25.70]	.932 [23.67]	.800 [20.32]	.406 [10.31]	—	5-103166-7	5-102617-7	5-87579-6
20	1.112 [28.24]	1.032 [26.21]	.900 [22.86]	.106 [2.69]	.806 [20.47]	5-103166-8	5-102617-8	5-87579-7
22	1.212 [30.78]	1.132 [28.75]	1.000 [25.40]	.106 [2.69]	.906 [23.01]	5-103166-9	5-102617-9	5-87579-8
24	1.312 [33.32]	1.232 [31.29]	1.100 [27.94]	.106 [2.69]	1.006 [25.55]	6-103166-0	6-102617-0	5-87579-9
26	1.412 [35.86]	1.332 [33.83]	1.200 [30.48]	.106 [2.69]	1.106 [28.09]	6-103166-1	6-102617-1	6-87579-0
28	1.512 [38.40]	1.432 [36.37]	1.300 [33.02]	.106 [2.69]	1.206 [30.63]	6-103166-2	6-102617-2	6-87579-1
30	1.612 [40.94]	1.532 [38.91]	1.400 [35.56]	.106 [2.69]	1.306 [33.17]	6-103166-3	6-102617-3	6-87579-2

Note: All part numbers are RoHS compliant.

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

No. of Pos.	Dimensions					Post Plating/Part Nos.		
	A	B	C	D	E	Plating A	Plating B	Plating C
32	1.712 [43.48]	1.632 [41.45]	1.500 [38.10]	.106 [2.69]	1.406 [35.71]	6-103166-4	6-102617-4	6-87579-3
34	1.812 [46.02]	1.732 [43.99]	1.600 [40.64]	.106 [2.69]	1.506 [38.25]	6-103166-5	6-102617-5	6-87579-4
36	1.912 [48.56]	1.832 [46.53]	1.700 [43.18]	.106 [2.69]	1.606 [40.79]	6-103166-6	6-102617-6	6-87579-5
38	2.012 [51.10]	1.932 [49.07]	1.800 [45.72]	.106 [2.69]	1.706 [43.33]	6-103166-7	6-102617-7	6-87579-6
40	2.112 [53.64]	2.032 [51.61]	1.900 [48.26]	.106 [2.69]	1.806 [45.87]	6-103166-8	6-102617-8	6-87579-7
42	2.212 [56.18]	2.132 [54.15]	2.000 [50.80]	.106 [2.69]	1.906 [48.41]	6-103166-9	6-102617-9	6-87579-8
44	2.312 [58.72]	2.232 [56.69]	2.100 [53.34]	.106 [2.69]	2.006 [50.95]	7-103166-0	7-102617-0	6-87579-9
46	2.412 [61.26]	2.332 [59.23]	2.200 [55.88]	.106 [2.69]	2.106 [53.49]	7-103166-1	7-102617-1	7-87579-0
48	2.512 [63.80]	2.432 [61.77]	2.300 [58.42]	.106 [2.69]	2.206 [56.03]	7-103166-2	7-102617-2	7-87579-1
50	2.612 [66.34]	2.532 [64.31]	2.400 [60.96]	.106 [2.69]	2.306 [58.57]	7-103166-3	7-102617-3	7-87579-2
52	2.712 [68.88]	2.632 [66.85]	2.500 [63.50]	.106 [2.69]	2.406 [61.11]	7-103166-4	7-102617-4	7-87579-3
54	2.812 [71.42]	2.732 [69.39]	2.600 [66.04]	.106 [2.69]	2.506 [63.65]	7-103166-5	7-102617-5	7-87579-4
56	2.912 [73.96]	2.832 [71.93]	2.700 [68.58]	.106 [2.69]	2.606 [66.19]	7-103166-6	7-102617-6	7-87579-5
58	3.012 [76.50]	2.932 [74.47]	2.800 [71.12]	.106 [2.69]	2.706 [68.73]	7-103166-7	7-102617-7	7-87579-6
60	3.112 [79.04]	3.032 [77.01]	2.900 [73.66]	.106 [2.69]	2.806 [71.27]	7-103166-8	7-102617-8	7-87579-7
62	3.212 [81.58]	3.132 [79.55]	3.000 [76.20]	.106 [2.69]	2.906 [73.81]	7-103166-9	7-102617-9	7-87579-8
64	3.312 [84.12]	3.232 [82.09]	3.100 [78.74]	.106 [2.69]	3.006 [76.35]	8-103166-0	8-102617-0	7-87579-9
66	3.412 [86.66]	3.332 [84.63]	3.200 [81.28]	.106 [2.69]	3.106 [78.89]	8-103166-1	8-102617-1	8-87579-0
68	3.512 [89.20]	3.432 [87.17]	3.300 [83.82]	.106 [2.69]	3.206 [81.43]	8-103166-2	8-102617-2	8-87579-1
70	3.612 [91.74]	3.532 [89.71]	3.400 [86.36]	.106 [2.69]	3.306 [83.97]	8-103166-3	8-102617-3	8-87579-2
72	3.712 [94.28]	3.632 [92.25]	3.500 [88.90]	.106 [2.69]	3.406 [86.51]	8-103166-4	8-102617-4	8-87579-3
74	3.812 [96.82]	3.732 [94.79]	3.600 [91.44]	.106 [2.69]	3.506 [89.05]	8-103166-5	8-102617-5	8-87579-4

Note: All part numbers are RoHS compliant.