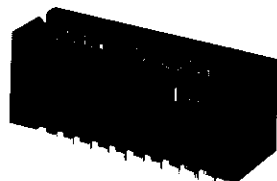


Standard Profile Headers—Shrouded, with .150 [3.81] End Dimension, Double-Row, .100 x .100 [2.54 x 2.54] Centerline

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



Material and Finish:

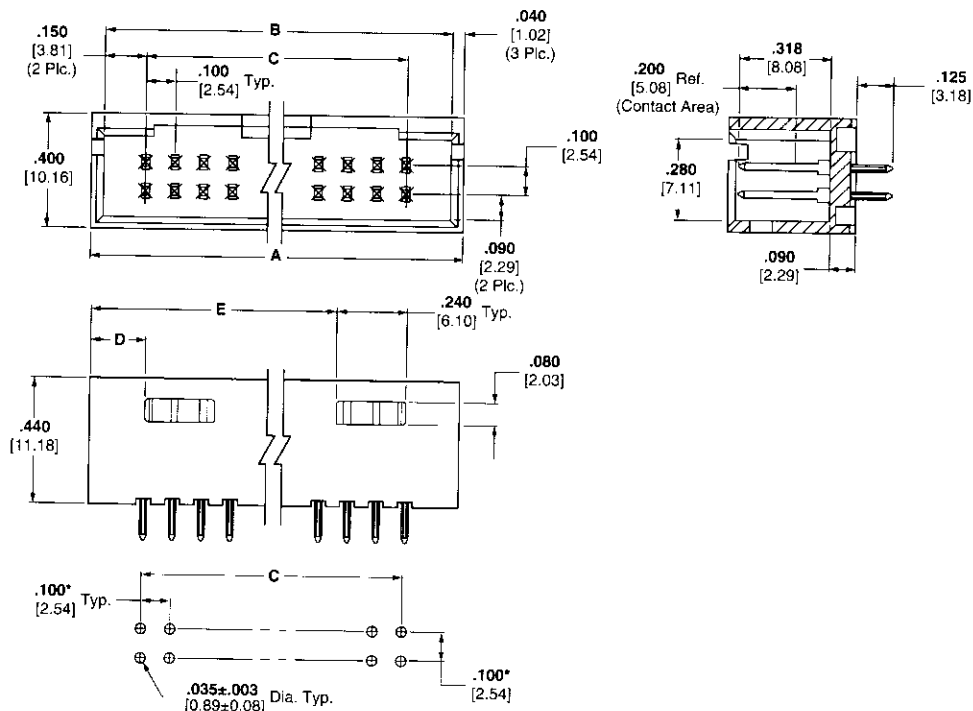
Housing—Black thermoplastic,
94V-0 rated

Posts—Copper alloy, plated as follows:

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



**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 MTE Receptacles—
pages 249, 250, 252 (used with
coupling shroud on page 258)

**AMPMODU Wire-Applied
Receptacles**—pages 233-236

Accessories:

Barrier Insert—page 221

Technical Documents (page 294):

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	.580 [14.73]	.500 [12.70]	.200 [5.08]	.190 [4.83]	—	103169-1	102619-1	3-87587-4
8	.680 [17.27]	.600 [15.24]	.300 [7.62]	.190 [4.83]	—	103169-2	102619-2	3-87587-3
10	.780 [19.81]	.700 [17.78]	.400 [10.16]	.290 [7.37]	—	103169-3	102619-3	87587-1
12	.880 [22.35]	.800 [20.32]	.500 [12.70]	.290 [7.37]	—	103169-4	102619-4	87587-2
14	.980 [24.89]	.900 [22.86]	.600 [15.24]	.390 [9.91]	—	103169-5	102619-5	87587-3
16	1.080 [27.43]	1.000 [25.40]	.700 [17.78]	.390 [9.91]	—	103169-6	102619-6	87587-4
18	1.180 [29.97]	1.100 [27.94]	.800 [20.32]	.490 [12.45]	—	103169-7	102619-7	87587-5
20	1.280 [32.51]	1.200 [30.48]	.900 [22.86]	.190 [4.83]	.890 [22.61]	103169-8	102619-8	87587-6
22	1.380 [35.05]	1.300 [33.02]	1.000 [25.40]	.190 [4.83]	.990 [25.15]	103169-9	102619-9	87587-7
24	1.480 [37.59]	1.400 [35.56]	1.100 [27.94]	.190 [4.83]	1.090 [27.69]	1-103169-0	1-102619-0	87587-8
26	1.580 [40.13]	1.500 [38.10]	1.200 [30.48]	.190 [4.83]	1.190 [30.23]	1-103169-1	1-102619-1	87587-9
28	1.680 [42.67]	1.600 [40.64]	1.300 [33.02]	.190 [4.83]	1.290 [32.77]	1-103169-2	1-102619-2	1-87587-0
30	1.780 [45.21]	1.700 [43.18]	1.400 [35.56]	.190 [4.83]	1.390 [35.31]	1-103169-3	1-102619-3	1-87587-1