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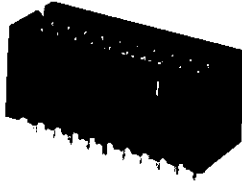
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Jameco Part Number 737643

**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 Straight Post (with Detent Windows)**



**Material and Finish:**

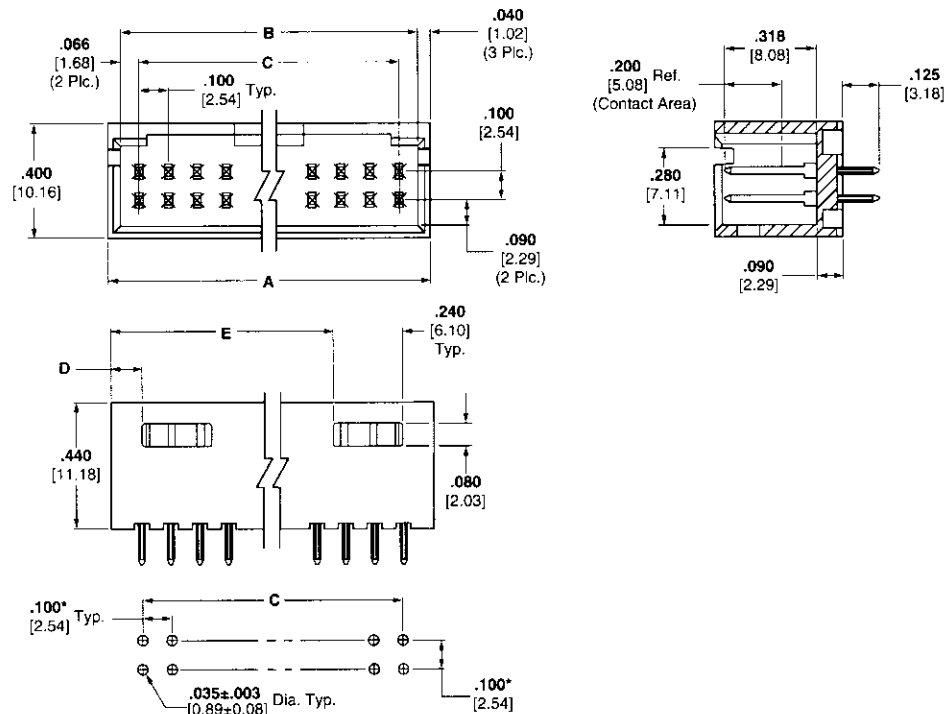
**Housing**—Black thermoplastic, 94V-0 rated

**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 Board Mount Receptacles**—pages 193, 196, 197

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

**AMPMODU MTE Receptacles**—pages 245, 246, 251

**AMPMODU MT Receptacles**—pages 275, 276

**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	.412 [10.46]	.332 [8.43]	.200 [5.08]	.106 [2.69]	—	103168-1	102618-1	3-87589-6
8	.512 [13.00]	.432 [10.97]	.300 [7.62]	.106 [2.69]	—	103168-2	102618-2	3-87589-5
10	.612 [15.54]	.532 [13.51]	.400 [10.16]	.206 [5.23]	—	103168-3	102618-3	87589-1
12	.712 [18.08]	.632 [16.05]	.500 [12.70]	.206 [5.23]	—	103168-4	102618-4	87589-2
14	.812 [20.62]	.732 [18.59]	.600 [15.24]	.306 [7.77]	—	103168-5	102618-5	87589-3
16	.912 [23.16]	.832 [21.13]	.700 [17.78]	.306 [7.77]	—	103168-6	102618-6	87589-4
18	1.012 [25.70]	.932 [23.67]	.800 [20.32]	.406 [10.31]	—	103168-7	102618-7	87589-5
20	1.112 [28.24]	1.032 [26.21]	.900 [22.86]	.106 [2.69]	.806 [20.47]	103168-8	102618-8	87589-6
22	1.212 [30.78]	1.132 [28.75]	1.000 [25.40]	.106 [2.69]	.906 [23.01]	103168-9	102618-9	87589-7
24	1.312 [33.32]	1.232 [31.29]	1.100 [27.94]	.106 [2.69]	1.006 [25.55]	1-103168-0	1-102618-0	87589-8
26	1.412 [35.86]	1.332 [33.83]	1.200 [30.48]	.106 [2.69]	1.106 [28.09]	1-103168-1	1-102618-1	87589-9
28	1.512 [38.40]	1.432 [36.37]	1.300 [33.02]	.106 [2.69]	1.206 [30.63]	1-103168-2	1-102618-2	1-87589-0
30	1.612 [40.94]	1.532 [38.91]	1.400 [35.56]	.106 [2.69]	1.306 [33.17]	1-103168-3	1-102618-3	1-87589-1

Standard Profile Headers, Shrouded

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