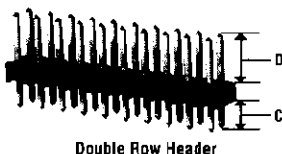


Wire-to-Board Connectors

**Breakaway Headers —
.100 [2.54] Centers
(AMPMODU)**



Single Row — Unshrouded, .025 [0.64] Square Posts

No. of Pos.	Plating Code	Part Numbers		
		C=.090 [2.29] D=.230 [5.84]	C=.120 [3.05] D=.230 [5.84]	C=.125 [3.18] D=.318 [8.08]
2	A	103747-2	103239-2	102976-2
	B	—	103185-2	102972-2
	C	103741-2	103327-2	103321-2
3	A	103747-3	103239-3	102976-3
	B	—	103185-3	102972-3
	C	103741-3	103327-3	103321-3
4	A	103747-4	103239-4	102976-4
	B	—	103185-4	102972-4
	C	103741-4	103327-4	103321-4

Double Row — Unshrouded, .025 [0.64] Square Posts

No. of Pos.	Plating Code	Part Numbers		
		C=.090 [2.29] D=.230 [5.84]	C=.120 [3.05] D=.230 [5.84]	C=.125 [3.18] D=.318 [8.08]
34	A	1-103783-7	1-103240-7	1-102977-7
	B	—	1-103186-7	1-102973-7
	C	1-103777-7	1-103328-7	1-103322-7
40	A	2-103783-0	2-103240-0	2-102977-0
	B	—	2-103186-0	2-102973-0
	C	2-103777-0	2-103328-0	2-103322-0
50	A	2-103783-5	2-103240-5	2-102977-5
	B	—	2-103186-5	2-102973-5
	C	2-103777-5	2-103328-5	2-103322-5

Material and Finish:

Housing—Thermoplastic, 94V-0 rated, black

Posts—Phosphor bronze, plated as follows:

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

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

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



**Headers — .100 [2.54]
Centers for Insulation
Displacement (IDC)
Connectors (MTA-100)**

Material and Finish:

Header Housing — Polyester, 94V-0, white

Header Posts — Copper alloy, tin plated or .000030 [0.00076] min. gold over nickel



No. of Pos.	Part Numbers			
	Unshrouded		Shrouded	
	Tin	Gold	Tin	Gold
4	640456-4	641215-4	644486-4	644487-4

Product Facts:

- Connectors and headers are end-to-end stackable
- All contacts are slotted for insulation displacement (IDC) terminal technique
- Contacts are lubricated to prevent fretting corrosion
- One-step assembly



Note:
BLUE part numbers indicate 2D geometry and 3D CAD models that are included on CD-ROM.