

Breakaway Headers and Shunts

Breakaway Headers

Material and Finish

Housing — Thermoplastic, 94V-C rated, black

Posts — Phosphor bronze, plated as follows:

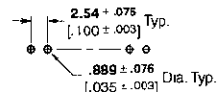
- A.** Duplex plated 0.00076 [.000030] min. gold on contact area, 0.00254-0.00508 [.000100-.000200] min. tin-lead on solder area, with entire post: underplated 0.00127 [.000050] min. nickel
- B.** Duplex plated 0.00038 [.000015] min. gold on contact area, 0.00254-0.00508 [.000100-.000200] min. tin-lead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



2.54 [.100] Centers (AMPMODU)



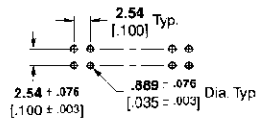
Single Row Header



Recommended Hole Layout



Double Row Header



Recommended Hole Layout

Wire-to-Board Connectors

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

No. of Pos.	Plating Code	Part Numbers		
		C=2.29 [.090] D=5.84 [.230]	C=3.05 [.120] D=5.84 [.230]	C=3.18 [.125] D=8.08 [.318]
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, 0.64 [.025] Square Posts

No. of Pos.	Plating Code	Part Numbers		
		C=2.29 [.090] D=5.84 [.230]	C=3.05 [.120] D=5.84 [.230]	C=3.18 [.125] D=8.08 [.318]
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

Post Shunts

Features

- Mate with any common pairs of square, rectangular and round posts
- Low-cost means of manual programming
- Demonstrate high normal forces for excellent electrical continuity

Material and Finish

Housing — Glass-filled thermoplastic, 94V-0, black unless otherwise specified

Contacts — Phosphor bronze, gold plated as specified below

2.54 [.100] Centerline, Low Profile 2-Position Dual Beam Shunts



Strip of 10

Housing Color	Part Numbers	
	0.00038 [.000015] Gold Plate	0.00076 [.000030] Gold Plate
Blue	390068-4	390068-3
Black	390068-2	390068-1

2.54 [.100] Centerline Heavy Duty Shunts



Strip of 10

Part No. 821942-1

2.54 [.100] Centerline Handle Shunts



Loose Piece

Plating	Part Numbers
0.00076 [.000030] Gold	881545-2
0.00254 [.000100] Tin	881545-4

Logic Sockets and Programming Devices

2.54 [.100] Centerline, Low Profile 2-Position Economy Shunts



Strip of 10

Housing Color	Part Numbers			
	0.00076 [.000030] Gold Plate	0.00038 [.000015] Gold Plate	0.00012 [.000005] Gold Flash	0.00254 [.000100] Tin Plate
Blue	—	382811-2	—	—
Black	2-382811-0	382811-6	382811-8	382811-5