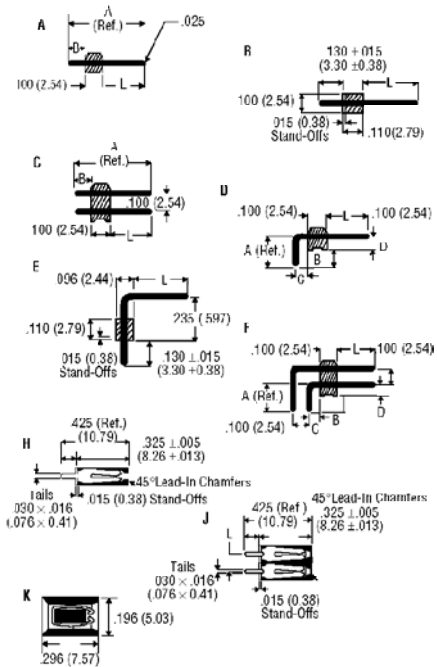


PC Board Connectors, Unprotected Headers, Socket Strips and Shunts

Finish Options  
► 100-Microinch 90/10 Solder Plate on Posts and Tails  
► 10-Microinch Selective Gold Over 50-Microinch Nickel on Contact Post; 100-Microinch 90/10 Solder Plate on Tail Portion

| Description                  | Fig. | Dimensions |         |       |       |       | Solder Plated |              |      | Gold Plated |                 |      |
|------------------------------|------|------------|---------|-------|-------|-------|---------------|--------------|------|-------------|-----------------|------|
|                              |      | L In.      | A (ref) | B In. | C In. | D In. | Stock No.     | Mfr.'s Type  | EACH | Stock No.   | Mfr.'s Type     | EACH |
| Straight Single-Row Male     | A    | .235       | .445    | .110  | —     | —     | 617-5001      | 929834-01-36 | .84  | 617-5002    | 929647-01-36    | 1.70 |
| Straight Single-Row Male     | A    | .235       | .480    | .145  | —     | —     | —             | —            | —    | 617-5004    | 929647-09-36    | 1.91 |
| Straight Single-Row Male     | A    | .235       | .545    | .210  | —     | —     | 617-5007      | 929834-02-36 | 1.37 | 617-5008    | 929647-02-36    | 2.27 |
| Straight Single-Row Male     | A    | .235       | .745    | .410  | —     | —     | 617-5011      | 929834-03-36 | 1.43 | 617-5012    | 929647-03-36    | 2.66 |
| Straight Single-Row Male     | A    | .235       | .945    | .510  | —     | —     | 617-5013      | 929834-04-36 | 1.52 | 617-5014    | 929647-04-36    | 2.90 |
| Straight Single-Row Male     | A    | .235       | .945    | .610  | —     | —     | 617-5015      | 929834-05-36 | 1.47 | —           | —               | —    |
| Straight Single-Row Male     | A    | .235       | 1.245   | .910  | —     | —     | 617-5019      | 929834-07-36 | 1.67 | 617-5020    | 929647-07-36    | 4.28 |
| Straight Single-Row Male     | A    | .318       | .528    | .110  | —     | —     | 617-5021      | 929700-01-36 | 1.02 | 617-5022    | 929705-01-36    | 2.06 |
| Straight Single-Row Male     | A    | .318       | 1.128   | .710  | —     | —     | 617-5027      | 929700-06-36 | 1.49 | 617-5028    | 929705-06-36    | 3.96 |
| Straight Polarized Male      | B    | .295       | —       | —     | —     | —     | 617-5155      | 929400-01-36 | 1.06 | 617-5157    | 929450-01-36    | 2.05 |
| Straight Dual-Row Male*      | C    | .235       | .445    | .110  | —     | —     | 617-5030      | 929836-01-36 | 1.92 | 617-5031    | 929665-01-36    | 3.43 |
| Straight Dual-Row Male*      | C    | .235       | .480    | .145  | —     | —     | 617-5032      | 929836-09-36 | 2.36 | 617-5033    | 929665-09-36    | 4.11 |
| Straight Dual-Row Male*      | C    | .235       | .545    | .210  | —     | —     | 617-5036      | 929836-02-36 | 2.30 | 617-5037    | 929665-02-36    | 4.52 |
| Straight Dual-Row Male*      | C    | .235       | .945    | .510  | —     | —     | 617-5038      | 929836-08-36 | 2.90 | 617-5039    | 929665-08-36    | 4.91 |
| Straight Dual-Row Male*      | C    | .235       | .745    | .410  | —     | —     | 617-5040      | 929836-03-36 | 2.94 | —           | —               | —    |
| Straight Dual-Row Male*      | C    | .235       | .845    | .510  | —     | —     | 617-5042      | 929836-04-36 | 3.20 | 617-5043    | 929665-04-36    | 5.91 |
| Straight Dual-Row Male*      | C    | .235       | .945    | .610  | —     | —     | —             | —            | —    | 617-5045    | 929665-05-36    | 6.39 |
| Straight Dual-Row Male*      | C    | .318       | .528    | .110  | —     | —     | 617-5050      | 929710-01-36 | 2.18 | 617-5051    | 929715-01-36    | 4.20 |
| Straight Dual-Row Male*      | C    | .318       | .828    | .410  | —     | —     | —             | —            | —    | 617-5055    | 929715-03-36    | 6.93 |
| Straight Dual-Row Male*      | C    | .318       | 1.128   | .710  | —     | —     | —             | —            | —    | 617-5057    | 929715-06-36    | 7.85 |
| Straight Dual-Row Male*      | C    | .318       | 1.128   | .710  | —     | —     | —             | —            | —    | 617-5091    | 929648-01-36    | 2.13 |
| Right-Angle Single-Row Male* | D    | .235       | .180    | .105  | .070  | .075  | 617-5116      | 929730-01-36 | 1.14 | 617-5159    | 929550-01-36    | 2.51 |
| Right-Angle Single-Row Male* | D    | .318       | .180    | .105  | .070  | .075  | 617-5158      | 929500-01-36 | 1.10 | 617-5126    | 929667-01-36    | 5.00 |
| Right-Angle Polarized Male   | E    | .295       | 3.600   | —     | —     | —     | —             | —            | —    | 617-5128    | 929667-04-36    | 6.25 |
| Right-Angle Double-Row Male* | F    | .235       | .180    | .105  | .070  | .075  | —             | —            | —    | 617-5132    | 929667-02-36    | 7.94 |
| Right-Angle Double-Row Male* | F    | .235       | .215    | .140  | .070  | .075  | —             | —            | —    | 617-5136    | 929745-01-36    | 6.32 |
| Right-Angle Double-Row Male* | F    | .235       | .480    | .405  | .070  | .075  | —             | —            | —    | 617-5162    | 929850-01-36    | 2.12 |
| Right-Angle Double-Row Male* | F    | .318       | .180    | .105  | .070  | .075  | —             | —            | —    | 617-5165    | 929852-01-36-10 | 3.79 |
| Straight Single-Row Female   | H    | —          | —       | —     | —     | —     | 617-5161      | 929974-01-36 | 1.33 | 617-5168    | 929955-06-1     | .24  |
| Straight Dual-Row Female     | J    | .125       | —       | —     | —     | —     | 617-5164      | 929975-01-36 | 2.15 | 617-5169    | 929957-06-1     | .30  |
| Shunts Shorting Jumpers      | K    | —          | —       | —     | —     | —     | 617-5167      | 929950-00    | .17  | —           | —               | —    |
| Shunts Shorting Jumpers      | K    | —          | —       | —     | —     | —     | —             | —            | —    | —           | —               | —    |

\* (.1" × .1" MATRIX). ‡929955-06 = 10 pin. gold, 929957-06 = 30 pin. gold.

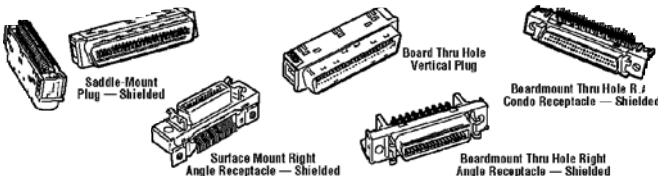


Intra Connectors

The Intra-Connector allows access to previously inaccessible lines. In use, the connector is interjected between mating system connectors to provide external pin contacts that can be probed individually or connected to another cable assembly; pins also can be used to facilitate daisy chaining from a single connector end.

| Stock No. | Mfr.'s Type | No. of Contacts | Dim. "A" | EACH  |       |       |
|-----------|-------------|-----------------|----------|-------|-------|-------|
|           |             |                 |          | 1-9   | 10-24 | 25-49 |
| 617-7920  | 922576-20   | 20              | 1.160    | 12.28 | 11.57 | 10.64 |
| 617-7926  | 922576-26   | 26              | 1.460    | 12.92 | 12.16 | 11.18 |
| 617-7934  | 922576-34   | 34              | 1.860    | 14.72 | 13.86 | 12.74 |
| 617-7940  | 922576-40   | 40              | 2.160    | 16.39 | 15.43 | 14.19 |
| 617-7950  | 922576-50   | 50              | 2.660    | 17.75 | 16.75 | 15.55 |
| 617-7960  | 922576-60   | 60              | 3.160    | 21.10 | 19.87 | 18.46 |

0.050" Mini D Ribbon (MDR) Connectors



Insulation Material: Glass reinforced polyester. Flammability: UL 94V-0. Contact Material: Copper alloy. Current Rating: 1 A. Insulation Resistance: >5 × 10<sup>8</sup> ohms @ 500 VDC.

Saddle-Mount Plug — Shielded

| Stock No. | Mfr.'s Type  | No. of Contacts | EACH |       |       |        |
|-----------|--------------|-----------------|------|-------|-------|--------|
|           |              |                 | 1-24 | 25-49 | 50-99 | 100-Up |
| 617-1831  | 10150-900AJL | 50              | 5.95 | 5.15  | 4.68  | 4.32   |
| 617-1832  | 10168-900AJL | 68              | 6.58 | 5.81  | 5.27  | 4.86   |

Board Thru Hole Vertical Plug

|          |              |   |       |       |       |       |
|----------|--------------|---|-------|-------|-------|-------|
| 617-1591 | 101A0-4C23JL | — | 15.09 | 13.99 | 12.70 | 11.72 |
|----------|--------------|---|-------|-------|-------|-------|

Boardmount Thru Hole R.A. Condo Receptacle — Shielded

|          |              |    |       |       |       |       |
|----------|--------------|----|-------|-------|-------|-------|
| 617-1592 | 10250-M218VE | 50 | 24.00 | 22.25 | 20.40 | 18.83 |
| 617-1593 | 10268-M218VE | 68 | 29.70 | 27.54 | 25.25 | 23.30 |

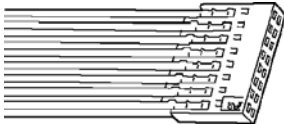
Surface Mount Right Angle Receptacle — Shielded

|          |              |    |       |       |       |      |
|----------|--------------|----|-------|-------|-------|------|
| 617-1835 | 10226-1210VE | 26 | 7.81  | 6.96  | 6.32  | 5.84 |
| 617-1838 | 10240-1210VE | 40 | 12.60 | 11.24 | 10.20 | 9.42 |

Boardmount Thru Hole Right Angle Receptacle — Shielded

| Stock No. | Mfr.'s Type  | No. of Contacts | Panel Mount Thread Size | EACH |       |       |        |
|-----------|--------------|-----------------|-------------------------|------|-------|-------|--------|
|           |              |                 |                         | 1-24 | 25-49 | 50-99 | 100-Up |
| 617-1834  | 10220-55G3VC | 20              | M2.5                    | 4.54 | 3.93  | 3.57  | 3.30   |
| 617-1836  | 10226-55G3VC | 26              | M2.5                    | 4.93 | 4.27  | 3.88  | 3.58   |
| 617-1837  | 10236-55G3VC | 36              | M2.5                    | 4.61 | 4.00  | 3.62  | 3.34   |
| 617-1594  | 10236-55H3VC | 36              | 4-40                    | 5.41 | 4.69  | 4.25  | 3.92   |
| 617-1839  | 10240-55G3VC | 40              | M2.5                    | 5.71 | 4.95  | 4.49  | 4.14   |

0.100" × 0.100" Polarized Wiremount Socket



0.100" Pitch

Notched Ribbon Cable or Discrete Wire

Two row, polarized body. Mates to 3M long latch/eject headers and plugs. Twin slot IDC provides four points of contact. Accepts discrete wire or notched ribbon cable. Insulation Material: Glass filled polyester (PBT). Flammability: UL 94V-0. Contact Material: Copper alloy. Current Ratings: 22-24 AWG — 2.0 A; 26-28 AWG — 1.5 A. Temperature Rating: -55°C to +105°C.

| Stock No. | Mfr.'s Type         | No. of Contacts | Contact Plating | Wire Size     | EACH  |       |       |        |
|-----------|---------------------|-----------------|-----------------|---------------|-------|-------|-------|--------|
|           |                     |                 |                 |               | 1-24  | 25-49 | 50-99 | 100-Up |
| 617-1874  | CHG-2016-J01010-KEP | 16              | Gold Wipe Area  | 22 and 24 AWG | 4.50  | 3.90  | 3.54  | 3.26   |
| 617-1878  | CHG-2020-J01010-KCP | 20              | Gold Wipe Area  | 26 and 28 AWG | 5.19  | 4.49  | 4.08  | 3.77   |
| 617-1879  | CHG-2020-J01010-KEP | 20              | Gold Wipe Area  | 22 and 24 AWG | 5.19  | 4.49  | 4.08  | 3.77   |
| 617-1884  | CHG-2026-J01010-KCP | 26              | Gold Wipe Area  | 26 and 28 AWG | 6.62  | 5.85  | 5.30  | 4.90   |
| 617-1885  | CHG-2026-J01010-KEP | 26              | Gold Wipe Area  | 22 and 24 AWG | 6.62  | 5.85  | 5.30  | 4.90   |
| 617-1890  | CHG-2030-J01010-KCP | 30              | Gold Wipe Area  | 26 and 28 AWG | 6.61  | 5.84  | 5.30  | 4.90   |
| 617-1891  | CHG-2030-J01010-KEP | 30              | Gold Wipe Area  | 22 and 24 AWG | 6.36  | 5.82  | 5.10  | 4.71   |
| 617-1897  | CHG-2034-J01010-KEP | 34              | Gold Wipe Area  | 22 and 24 AWG | 7.21  | 6.37  | 5.78  | 5.34   |
| 617-1571  | CHG-2040-J01010-KCP | 40              | Gold Wipe Area  | 26 and 28 AWG | 7.64  | 6.75  | 6.12  | 5.65   |
| 617-1572  | CHG-2040-J01010-KEP | 40              | Gold Wipe Area  | 22 and 24 AWG | 7.64  | 6.75  | 6.12  | 5.65   |
| 617-1577  | CHG-2050-J01010-KCP | 50              | Gold Wipe Area  | 26 and 28 AWG | 8.49  | 7.49  | 6.80  | 6.28   |
| 617-1579  | CHG-2050-J01010-KEP | 50              | Gold Wipe Area  | 22 and 24 AWG | 8.49  | 7.49  | 6.80  | 6.28   |
| 617-1581  | CHG-2060-J01010-KCP | 60              | Gold Wipe Area  | 26 and 28 AWG | 10.18 | 8.99  | 8.16  | 7.53   |
| 617-1583  | CHG-2060-J01010-KEP | 60              | Gold Wipe Area  | 22 and 24 AWG | 10.18 | 8.99  | 8.16  | 7.53   |

Pistol Grip 3586-12

Use with prototype and low volume discrete wire CHG terminations. Accommodates both 3M assembly heads 3624-41 and 3624-42 for all three CHG body styles.

617-1590. 3586-12.....EACH 170.00

