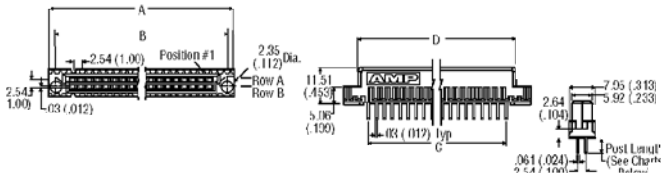


## Type B — Two Row Connectors

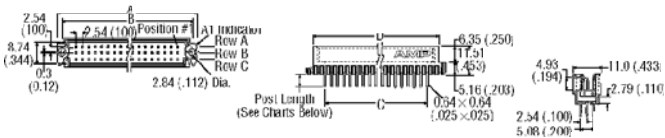
| Stock No. | Mfr.'s Type | No. of Pos. | Rows Loaded | Dimensions — mm/in. |                 |                 |                 | EACH |       |         |
|-----------|-------------|-------------|-------------|---------------------|-----------------|-----------------|-----------------|------|-------|---------|
|           |             |             |             | A                   | B               | C               | D               | 1-24 | 25-99 | 100-499 |
| 512-2700  | 536052-5    | 64          | A,B         | 93.980<br>3.700     | 88.900<br>3.500 | 85.290<br>3.358 | 87.760<br>3.455 | 2.00 | 1.82  | 1.67    |



|          |          |    |     |                 |                 |                 |                 |      |      |      |
|----------|----------|----|-----|-----------------|-----------------|-----------------|-----------------|------|------|------|
| 512-9127 | 650861-5 | 64 | A,B | 93.960<br>3.700 | 90.000<br>3.543 | 78.740<br>3.100 | 85.000<br>3.346 | 2.36 | 2.12 | 1.77 |
|----------|----------|----|-----|-----------------|-----------------|-----------------|-----------------|------|------|------|

This diagram provides a detailed cross-sectional view of the device. It shows three layers labeled ROW C, ROW B, and ROW A from top to bottom. Key dimensions include a central gap of \$2.54(100)\$, a width of \$7.34(.100)\$, and a thickness of \$.08 \times .06 (.012 \times .024)\$. Other dimensions shown are \$11.51(392)\$, \$18.01(392)\$, \$D\$, \$B\$, \$2.54(100)\$, \$6.5(256)\$, \$3.0(120)\$, \$10.49(411)\$, \$8.46(333)\$, \$2.54(100)\$, \$5.08(200)\$, and \$2.54(100)\$. The label "Post Length (See Charts Below)" points to a specific feature.

| Standard Size |             |             |             |                     |                 |                 |                 |      |       |         |
|---------------|-------------|-------------|-------------|---------------------|-----------------|-----------------|-----------------|------|-------|---------|
| Stock No.     | Mfr.'s Type | No. of Pos. | Rows Loaded | Dimensions — mm/in. |                 |                 |                 | EACH |       |         |
|               |             |             |             | A                   | B               | C               | D               | 1-24 | 25-99 | 100-499 |
| 512-9120      | 650461-5    | 96          | A, B, C     | 93.870<br>3.696     | 88.900<br>3.500 | 78.740<br>3.100 | 85.000<br>3.346 | 3.06 | 2.75  | 2.29    |
| 512-2719      | 650870-5    | 64          | A, C        | 93.870<br>3.696     | 88.900<br>3.500 | 78.740<br>3.100 | 85.000<br>3.346 | 2.50 | 2.25  | 1.88    |



|               |          |    |       |                 |                 |                 |                 |      |      |      |
|---------------|----------|----|-------|-----------------|-----------------|-----------------|-----------------|------|------|------|
| Standard Size |          |    |       |                 |                 |                 |                 |      |      |      |
| 512-2853      | 650908-5 | 96 | A,B,C | 95.000<br>3.740 | 90.000<br>3.543 | 78.740<br>3.100 | 88.010<br>3.465 | 2.30 | 2.07 | 1.72 |

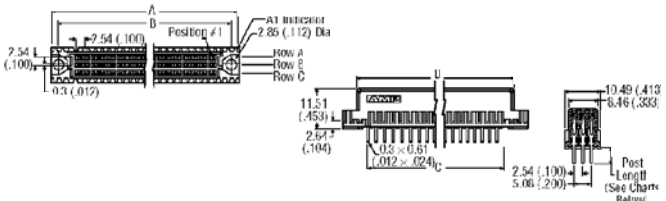
| Half Size |          |    |       |                 |                 |                 |                 |      |      |      |
|-----------|----------|----|-------|-----------------|-----------------|-----------------|-----------------|------|------|------|
| 512-2856  | 650479-5 | 48 | A,B,C | 54.370<br>2.140 | 49.350<br>1.943 | 38.100<br>1.500 | 47.370<br>1.865 | 1.59 | 1.43 | 1.19 |

| Standard Size |          |    |       |                |                |                 |                 |      |      |      |
|---------------|----------|----|-------|----------------|----------------|-----------------|-----------------|------|------|------|
| 512-2721      | 650470-5 | 96 | A,B,C | 95.00<br>3.740 | 90.00<br>3.543 | 78.740<br>3.100 | 88.010<br>3.465 | 2.30 | 2.07 | 1.72 |

| Stock No. | Mfr.'s Type | No. of Pos. | Rows Loaded | Dimensions — mm/in. |                 |                 |                 | EACH |       |         |
|-----------|-------------|-------------|-------------|---------------------|-----------------|-----------------|-----------------|------|-------|---------|
|           |             |             |             | A                   | B               | C               | D               | 1-24 | 25-99 | 100-499 |
| 512-2702  | 650473-5    | 96          | A, B, C     | 93.980<br>3.700     | 88.900<br>3.500 | 74.740<br>3.100 | 87.760<br>3.455 | 2.36 | 2.12  | 1.77    |
| 512-2703  | 650945-5    | 64          | A, C        | 93.980<br>3.700     | 88.900<br>3.500 | 78.740<br>3.100 | 87.760<br>3.455 | 1.97 | 1.78  | 1.48    |

|                 |          |    |       |                 |                 |                 |                 |             |             |             |
|-----------------|----------|----|-------|-----------------|-----------------|-----------------|-----------------|-------------|-------------|-------------|
| <b>512-2801</b> | 650947-5 | 96 | A,B,C | 93.980<br>3.700 | 88.900<br>3.500 | 74.740<br>3.100 | 87.760<br>3.455 | <b>2.36</b> | <b>2.12</b> | <b>1.77</b> |
| <b>512-2803</b> | 650951-5 | 64 | A,C   | 93.980<br>3.700 | 88.900<br>3.500 | 78.740<br>3.100 | 87.760<br>3.455 | <b>1.97</b> | <b>1.78</b> | <b>1.48</b> |

| Half Size |          |    |       |                 |                 |                 |                 |      |      |      |
|-----------|----------|----|-------|-----------------|-----------------|-----------------|-----------------|------|------|------|
| 512-2805  | 650948-5 | 48 | A,B,C | 53.340<br>2.100 | 48.260<br>1.900 | 38.100<br>1.500 | 47.120<br>1.855 | 1.65 | 1.48 | 1.24 |

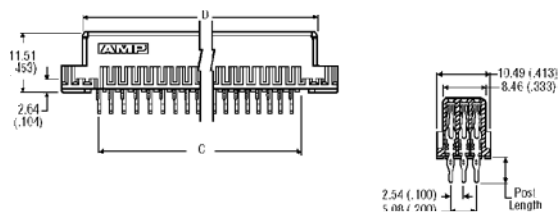


| Stock No. | Mfr.'s Type | No. of Pos. | Rows Loaded | Dimensions — mm/in. |                |                |                | EACH |       |         |
|-----------|-------------|-------------|-------------|---------------------|----------------|----------------|----------------|------|-------|---------|
|           |             |             |             | A                   | B              | C              | D              | 1-24 | 25-99 | 100-499 |
| 512-2831  | 535089-5    | 96          | A, B, C     | 93.98<br>3.700      | 90.00<br>3.543 | 78.74<br>3.100 | 85.00<br>3.346 | 2.83 | 2.54  | 2.12    |
| 512-9113  | 650458-5    | 64          | A, C        | 93.98<br>3.700      | 90.00<br>3.543 | 78.74<br>3.100 | 85.00<br>3.346 | 2.36 | 2.12  | 1.77    |

|                 |          |    |       |                 |                 |                 |                 |             |             |             |
|-----------------|----------|----|-------|-----------------|-----------------|-----------------|-----------------|-------------|-------------|-------------|
| <b>512-2741</b> | 535090-5 | 96 | A,B,C | 93.980<br>3.700 | 90.000<br>3.543 | 78.740<br>3.100 | 85.000<br>3.346 | <b>2.83</b> | <b>2.54</b> | <b>2.12</b> |
| <b>512-2743</b> | 650956-5 | 64 | A,C   | 93.980<br>3.700 | 90.000<br>3.543 | 78.740<br>3.100 | 85.000<br>3.346 | <b>2.36</b> | <b>2.12</b> | <b>1.77</b> |

4.57 (0.180") post length. **Housing:** Polyester, grey, 94V-0 rated. **Contacts:** Phosphor bronze with plating.

|                 |          |    |       |                 |                 |                 |                 |             |             |             |
|-----------------|----------|----|-------|-----------------|-----------------|-----------------|-----------------|-------------|-------------|-------------|
| <b>512-9124</b> | 535043-5 | 96 | A,B,C | 93.980<br>3.700 | 90.000<br>3.543 | 78.740<br>3.100 | 85.000<br>3.346 | <b>2.83</b> | <b>2.54</b> | <b>2.12</b> |
|-----------------|----------|----|-------|-----------------|-----------------|-----------------|-----------------|-------------|-------------|-------------|



|          |          |    |       |                 |                 |                 |                 |      |      |      |
|----------|----------|----|-------|-----------------|-----------------|-----------------|-----------------|------|------|------|
| 512-2752 | 535032-4 | 96 | A,B,C | 93.980<br>3.700 | 90.000<br>3.453 | 78.740<br>3.100 | 85.000<br>3.346 | 3.07 | 2.77 | 2.31 |
|----------|----------|----|-------|-----------------|-----------------|-----------------|-----------------|------|------|------|