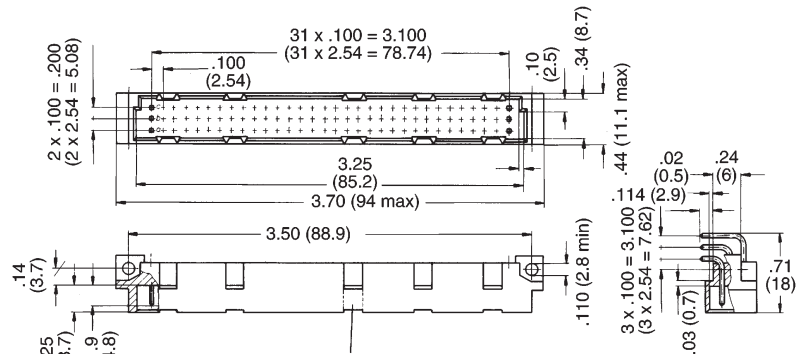
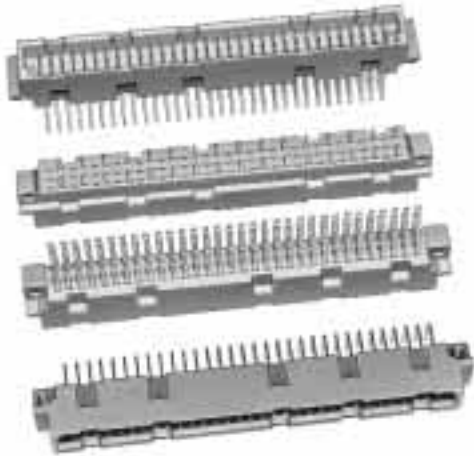
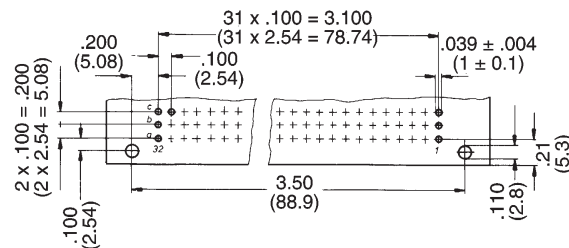


# Type C — Series 100

## 32, 64 and 96 Contact Male Connectors — Three Row



### Printed Circuit Layout

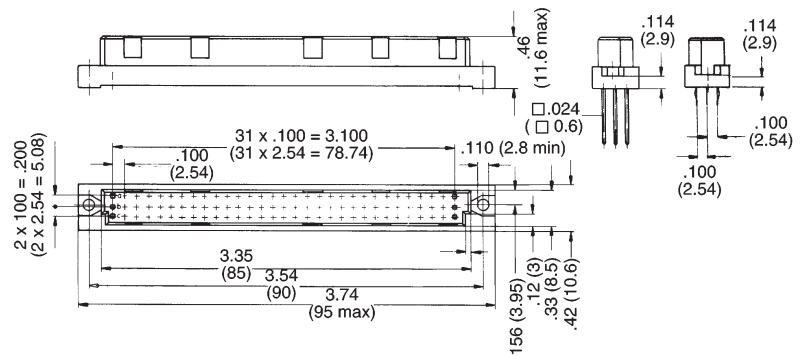


### Part Numbers

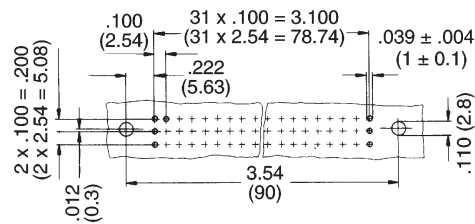
| No. of Contacts | Contact Arrangement           | Performance Level | Termination Methods                                                                 |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|-----------------|-------------------------------|-------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                 |                               |                   |  |  |  |  |  |
| 32              | Row a + c<br>All Even Numbers | 2                 | 100-932-033                                                                         | —                                                                                   | —                                                                                    | —                                                                                     | —                                                                                     |
|                 |                               | 3                 | 100-932-053                                                                         | —                                                                                   | —                                                                                    | —                                                                                     | —                                                                                     |
| 64              | Row a + c                     | 2                 | 100-964-033                                                                         | 100-964-133                                                                         | —                                                                                    | —                                                                                     | —                                                                                     |
|                 |                               | 3                 | 100-964-053                                                                         | 100-964-153                                                                         | —                                                                                    | —                                                                                     | —                                                                                     |
| 96              | Fully Equipped                | 2                 | 100-096-033                                                                         | 100-096-133                                                                         | 100-096-131                                                                          | 100-096-031                                                                           | 100-096-134                                                                           |
|                 |                               | 3                 | 100-096-053                                                                         | 100-096-153                                                                         | 100-096-151                                                                          | 100-096-051                                                                           | 100-096-154                                                                           |

# Type C — Series 100

## 32, 64 and 96 Contact Female Connectors — Three Row



### Printed Circuit Layout - Straight Tail Version



### Part Numbers

| No. of<br>Contacts | Contact<br>Arrangement        | Performance<br>Level | Termination Methods |             |             |             |             |              |              |   |
|--------------------|-------------------------------|----------------------|---------------------|-------------|-------------|-------------|-------------|--------------|--------------|---|
|                    |                               |                      |                     |             |             |             |             |              |              |   |
| 32                 | Row a + c<br>All Even Numbers | 2                    | 100-932-431*        | 100-932-432 | —           | —           | 100-932-434 | 100-932-533  | —            | — |
|                    |                               | 3                    | 100-932-451         | 100-932-452 | —           | —           | 100-932-454 | —            | —            | — |
| 64                 | Row a + c                     | 2                    | 100-964-431         | 100-964-432 | 100-964-433 | 100-964-439 | 100-964-434 | 100-964-533  | —            | — |
|                    |                               | 3                    | 100-964-451         | 100-964-452 | 100-964-453 | 100-964-459 | 100-964-454 | —            | —            | — |
| 96                 | Fully Equipped                | 2                    | 100-096-431         | 100-096-432 | 100-096-433 | 100-096-439 | 100-096-434 | 100-096-533  | 100-096-633* | — |
|                    |                               | 3                    | 100-096-451         | 100-096-452 | 100-096-453 | 100-096-459 | 100-096-454 | 100-096-553* | 100-096-653* | — |

\* Contact Factory For Availability    \*\* Printed Circuit Layout On Page 63

**Press Fit  
96 Contact Male Connectors  
Three Row\***

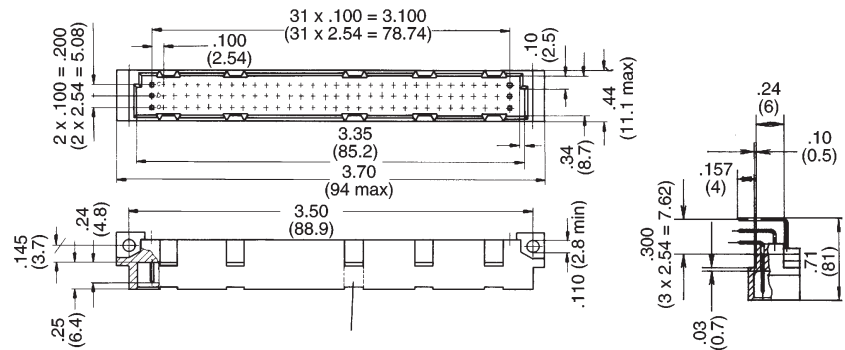


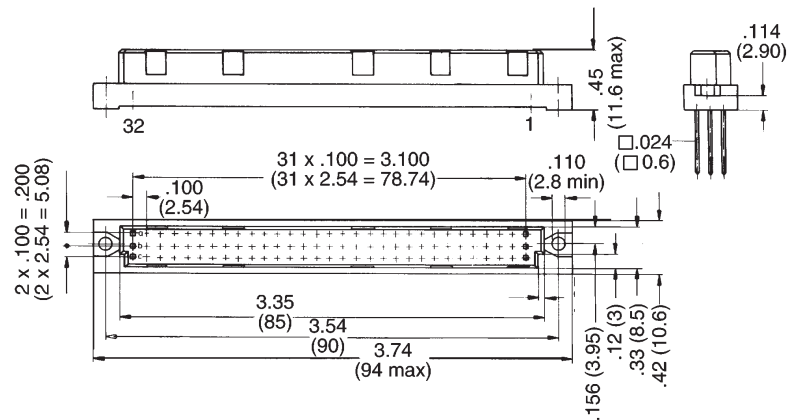
Figure 10 is a detailed drawing of a 32-pin connector. The drawing shows a side view of a rectangular connector with 32 pins. Dimensions are given in inches and millimeters. Key dimensions include: total width 3.100 (78.74 mm), pin pitch .100 (2.54 mm), pin diameter .039 ± .004 (1 ± 0.1 mm), and overall length 3.50 (88.9 mm). Pin 1 is indicated on the right side.

|                    |                                         |
|--------------------|-----------------------------------------|
| Compliant Pin      |                                         |
| P.C.B. Thickness   | .06 - .13 (1.6 - 3.2 mm)                |
| Finished Hole Size | .037 - .043 (0.94 - 1.09 mm)            |
| Drill Size         | .045 ± .0004 (1.15 <sup>+0.01</sup> mm) |
| Copper             | 100μ" 300μ" (25-76μm)                   |
| Tin-Lead           | 30μ" (6μm min)                          |

| No. of Contacts | Contact Arrangement | Performance Level | Press-Fit                                                                           |                         |
|-----------------|---------------------|-------------------|-------------------------------------------------------------------------------------|-------------------------|
|                 |                     |                   |  | Press-Fit Insertion Die |
| 96              | Fully Equipped      | 2                 | 100-096-232*                                                                        | 200-022-020             |
|                 |                     | 3                 | 100-096-252*                                                                        |                         |

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**Press Fit  
64 and 96 Contact Female  
Connectors — Three Row**



Technical drawing of a 31 x 100 plate with dimensions in inches and millimeters:

- Overall dimensions: 31 x 100 = 3.100 (31 x 2.54 = 78.74)
- Top edge dimensions: .100 (2.54), .222 (5.63), .039 ± .004 (1 ± 0.1)
- Left edge dimensions: 2 x .100 = .200 (2 x 2.54 = 5.08), .012 (0.3)
- Bottom edge dimensions: .110 (2.8), 3.54 (90)

|                    |                                         |
|--------------------|-----------------------------------------|
| Compliant Pin      |                                         |
| P.C.B. Thickness   | .06 - .13 (1.6 - 3.2 mm)                |
| Finished Hole Size | .037 - .043 (0.94 - 1.09 mm)            |
| Drill Size         | .045 ± .0004 (1.15 <sup>±0.01</sup> mm) |
| Copper             | 100μ" 300μ" (25-76μm)                   |
| Tin-Lead           | 30μ" (6μm min)                          |

| No. of Contacts | Contact Arrangement | Performance Level | Press-Fit                                                                           |                                                                                      |                                                                                       | Press-Fit Insertion Die |
|-----------------|---------------------|-------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------|
|                 |                     |                   |  |  |  |                         |
| 64              | Row a + c           | 2                 | 100-964-932                                                                         | 100-964-931*                                                                         | —                                                                                     | 200-022-074             |
|                 |                     | 3                 | 100-964-952                                                                         | 100-964-951*                                                                         | —                                                                                     |                         |
| 96              | Fully Equipped      | 2                 | 100-096-932                                                                         | 100-096-931                                                                          | 100-096-939                                                                           |                         |
|                 |                     | 3                 | 100-096-952                                                                         | 100-096-951                                                                          | 100-096-959                                                                           |                         |

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