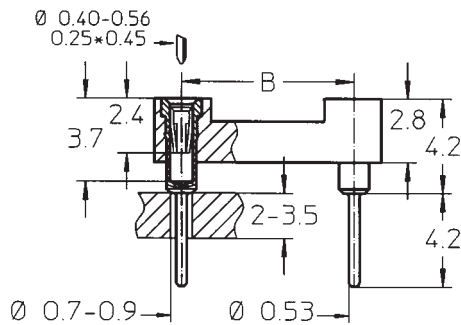


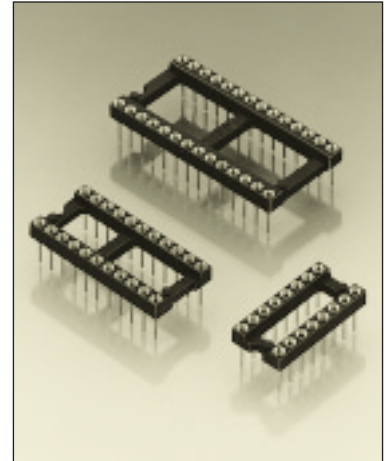
## Series 111

Dual-in-line sockets for multilayer PCB  
Open frame  
Solder tail



Standard Dual-in-line socket with increased solder tail length of 4.2 mm, allowing application on multilayer PCBs up to 3.4 mm thickness. Other lengths on request

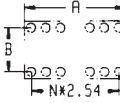
Insertion characteristics:  
4-finger standard



| Platings | Sleeve  | Clip  | Pin  |
|----------|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 91       | 5 µm Sn Pb                                                                               | 0.25 µm Au                                                                             |                                                                                       |
| 93       | 5 µm Sn Pb                                                                               | 0.75 µm Au                                                                             |                                                                                       |
| 99       | 5 µm Sn Pb                                                                               | 5 µm Sn Pb                                                                             |                                                                                       |

### Ordering information

For complete part number see Order Codes list below

| No. of poles | Order Codes         |                     |                     |  |  | Insulator dimensions |  |       |      |
|--------------|---------------------|---------------------|---------------------|--|--|----------------------|---------------------------------------------------------------------------------------|-------|------|
|              | Plating 91 <b>B</b> | Plating 93 <b>B</b> | Plating 99 <b>B</b> |  |  |                      | A                                                                                     | B     | C    |
|              | See page 50         |                     |                     |  |  |                      |                                                                                       |       |      |
| 10           | 111-91-210-41-001   | 111-93-210-41-001   | 111-99-210-41-001   |  |  | Fig. 1               | 12.6                                                                                  | 5.08  | 7.6  |
| 4            | 111-91-304-41-001   | 111-93-304-41-001   | 111-99-304-41-001   |  |  | Fig. 2               | 5.0                                                                                   | 7.62  | 10.1 |
| 6            | 111-91-306-41-001   | 111-93-306-41-001   | 111-99-306-41-001   |  |  | Fig. 3               | 7.6                                                                                   | 7.62  | 10.1 |
| 8            | 111-91-308-41-001   | 111-93-308-41-001   | 111-99-308-41-001   |  |  | Fig. 4               | 10.1                                                                                  | 7.62  | 10.1 |
| 10           | 111-91-310-41-001   | 111-93-310-41-001   | 111-99-310-41-001   |  |  | Fig. 5               | 12.6                                                                                  | 7.62  | 10.1 |
| 12           | 111-91-312-41-001   | 111-93-312-41-001   | 111-99-312-41-001   |  |  | Fig. 5a              | 15.2                                                                                  | 7.62  | 10.1 |
| 14           | 111-91-314-41-001   | 111-93-314-41-001   | 111-99-314-41-001   |  |  | Fig. 6               | 17.7                                                                                  | 7.62  | 10.1 |
| 16           | 111-91-316-41-001   | 111-93-316-41-001   | 111-99-316-41-001   |  |  | Fig. 7               | 20.3                                                                                  | 7.62  | 10.1 |
| 18           | 111-91-318-41-001   | 111-93-318-41-001   | 111-99-318-41-001   |  |  | Fig. 8               | 22.8                                                                                  | 7.62  | 10.1 |
| 20           | 111-91-320-41-001   | 111-93-320-41-001   | 111-99-320-41-001   |  |  | Fig. 9               | 25.3                                                                                  | 7.62  | 10.1 |
| 22           | 111-91-322-41-001   | 111-93-322-41-001   | 111-99-322-41-001   |  |  | Fig. 10              | 27.8                                                                                  | 7.62  | 10.1 |
| 24           | 111-91-324-41-001   | 111-93-324-41-001   | 111-99-324-41-001   |  |  | Fig. 11              | 30.4                                                                                  | 7.62  | 10.1 |
| 28           | 111-91-328-41-001   | 111-93-328-41-001   | 111-99-328-41-001   |  |  | Fig. 12              | 35.5                                                                                  | 7.62  | 10.1 |
| 20           | 111-91-420-41-001   | 111-93-420-41-001   | 110-99-420-41-001   |  |  | Fig. 12a             | 25.3                                                                                  | 10.16 | 12.6 |
| 22           | 111-91-422-41-001   | 111-93-422-41-001   | 111-99-422-41-001   |  |  | Fig. 13              | 27.8                                                                                  | 10.16 | 12.6 |
| 24           | 111-91-424-41-001   | 111-93-424-41-001   | 111-99-424-41-001   |  |  | Fig. 14              | 30.4                                                                                  | 10.16 | 12.6 |
| 28           | 111-91-428-41-001   | 111-93-428-41-001   | 111-99-428-41-001   |  |  | Fig. 15              | 35.5                                                                                  | 10.16 | 12.6 |
| 32           | 111-91-432-41-001   | 111-93-432-41-001   | 111-99-432-41-001   |  |  | Fig. 16              | 40.6                                                                                  | 10.16 | 12.6 |
| 10           | 111-91-610-41-001   | 110-93-610-41-001   | 110-99-610-41-001   |  |  | Fig. 16a             | 12.6                                                                                  | 15.24 | 17.7 |
| 24           | 111-91-624-41-001   | 111-93-624-41-001   | 111-99-624-41-001   |  |  | Fig. 17              | 30.4                                                                                  | 15.24 | 17.7 |
| 28           | 111-91-628-41-001   | 111-93-628-41-001   | 111-99-628-41-001   |  |  | Fig. 18              | 35.5                                                                                  | 15.24 | 17.7 |
| 32           | 111-91-632-41-001   | 111-93-632-41-001   | 111-99-632-41-001   |  |  | Fig. 19              | 40.6                                                                                  | 15.24 | 17.7 |
| 36           | 111-91-636-41-001   | 111-93-636-41-001   | 111-99-636-41-001   |  |  | Fig. 20              | 45.7                                                                                  | 15.24 | 17.7 |
| 40           | 111-91-640-41-001   | 111-93-640-41-001   | 111-99-640-41-001   |  |  | Fig. 21              | 50.6                                                                                  | 15.24 | 17.7 |
| 42           | 111-91-642-41-001   | 111-93-642-41-001   | 111-99-642-41-001   |  |  | Fig. 22              | 53.2                                                                                  | 15.24 | 17.7 |
| 48           | 111-91-648-41-001   | 111-93-648-41-001   | 111-99-648-41-001   |  |  | Fig. 23              | 60.9                                                                                  | 15.24 | 17.7 |
| 50           | 111-91-650-41-001   | 111-93-650-41-001   | 111-99-650-41-001   |  |  | Fig. 24              | 63.4                                                                                  | 15.24 | 17.7 |
| 52           | 111-91-652-41-001   | 111-93-652-41-001   | 111-99-652-41-001   |  |  | Fig. 25              | 65.9                                                                                  | 15.24 | 17.7 |
| 50           | 111-91-950-41-001   | 111-93-950-41-001   | 111-99-950-41-001   |  |  | Fig. 26              | 63.4                                                                                  | 22.86 | 25.3 |
| 52           | 111-91-952-41-001   | 111-93-952-41-001   | 111-99-952-41-001   |  |  | Fig. 27              | 65.9                                                                                  | 22.86 | 25.3 |
| 64           | 111-91-964-41-001   | 111-93-964-41-001   | 111-99-964-41-001   |  |  | Fig. 28              | 81.1                                                                                  | 22.86 | 25.3 |