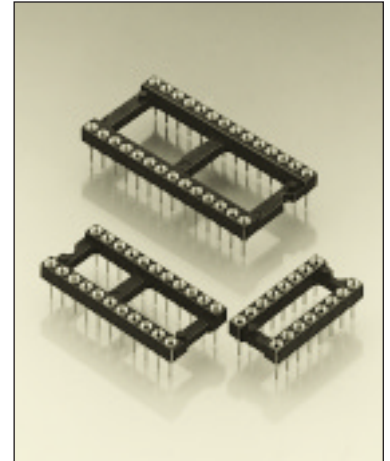





Most popular line of standard low profile IC-Sockets.  
Open frame design leaves space beneath IC for improved heat dissipation, easier PCB cleaning and inspections  
Insertion characteristics:  
4-finger standard



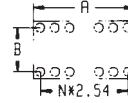
| Platings | Sleeve  | Clip  | Pin  |
|----------|--|--|---|
| 13       | 0.25 µm Au   | 0.75 µm Au   |   |
| 91       | 5 µm Sn Pb   | 0.25 µm Au   |   |
| 93       | 5 µm Sn Pb   | 0.75 µm Au   |   |
| 97       | 5 µm Sn Pb   | Goldflash  |   |
| 99       | 5 µm Sn Pb   | 5 µm Sn Pb   |   |

### Ordering information

For standard versions see table (order codes)

### Option (\*):

Open frame insulators 318, 320, 322, 324, 624, 628, 632, 640 and 648 available on special request without center bars; add suffix 050 to the part number. Example: 110-93-628-41-001 becomes: 110-93-628-41-001-050

| No. of poles | Order Codes         |                   |                   |                   |                   | Insulator dimensions |  |       |      |
|--------------|---------------------|-------------------|-------------------|-------------------|-------------------|----------------------|---|-------|------|
|              | Plating 13 <b>B</b> | Plating 91        | Plating 93        | Plating 97        | Plating 99        |                      | See page 50   | A     | B    |
| 10           | 110-13-210-41-001   | 110-91-210-41-001 | 110-93-210-41-001 | 110-97-210-41-001 | 110-99-210-41-001 | Fig. 1               | 12.6  | 5.08  | 7.6  |
| 4            | 110-13-304-41-001   | 110-91-304-41-001 | 110-93-304-41-001 | 110-97-304-41-001 | 110-99-304-41-001 | Fig. 2               | 5.0   | 7.62  | 10.1 |
| 6            | 110-13-306-41-001   | 110-91-306-41-001 | 110-93-306-41-001 | 110-97-306-41-001 | 110-99-306-41-001 | Fig. 3               | 7.6   | 7.62  | 10.1 |
| 8            | 110-13-308-41-001   | 110-91-308-41-001 | 110-93-308-41-001 | 110-97-308-41-001 | 110-99-308-41-001 | Fig. 4               | 10.1  | 7.62  | 10.1 |
| 10           | 110-13-310-41-001   | 110-91-310-41-001 | 110-93-310-41-001 | 110-97-310-41-001 | 110-99-310-41-001 | Fig. 5               | 12.6  | 7.62  | 10.1 |
| 12           | 110-13-312-41-001   | 110-91-312-41-001 | 110-93-312-41-001 | 110-97-312-41-001 | 110-99-312-41-001 | Fig. 5a              | 15.2  | 7.62  | 10.1 |
| 14           | 110-13-314-41-001   | 110-91-314-41-001 | 110-93-314-41-001 | 110-97-314-41-001 | 110-99-314-41-001 | Fig. 6               | 17.7  | 7.62  | 10.1 |
| 16           | 110-13-316-41-001   | 110-91-316-41-001 | 110-93-316-41-001 | 110-97-316-41-001 | 110-99-316-41-001 | Fig. 7               | 20.3  | 7.62  | 10.1 |
| 18*          | 110-13-318-41-001   | 110-91-318-41-001 | 110-93-318-41-001 | 110-97-318-41-001 | 110-99-318-41-001 | Fig. 8               | 22.8  | 7.62  | 10.1 |
| 20*          | 110-13-320-41-001   | 110-91-320-41-001 | 110-93-320-41-001 | 110-97-320-41-001 | 110-99-320-41-001 | Fig. 9               | 25.3  | 7.62  | 10.1 |
| 22*          | 110-13-322-41-001   | 110-91-322-41-001 | 110-93-322-41-001 | 110-97-322-41-001 | 110-99-322-41-001 | Fig. 10              | 27.8  | 7.62  | 10.1 |
| 24*          | 110-13-324-41-001   | 110-91-324-41-001 | 110-93-324-41-001 | 110-97-324-41-001 | 110-99-324-41-001 | Fig. 11              | 30.4  | 7.62  | 10.1 |
| 28           | 110-13-328-41-001   | 110-91-328-41-001 | 110-93-328-41-001 | 110-97-328-41-001 | 110-99-328-41-001 | Fig. 12              | 35.5  | 7.62  | 10.1 |
| 20           | 110-13-420-41-001   | 110-91-420-41-001 | 110-93-420-41-001 | 110-97-420-41-001 | 110-99-420-41-001 | Fig. 12a             | 25.3  | 10.16 | 12.6 |
| 22           | 110-13-422-41-001   | 110-91-422-41-001 | 110-93-422-41-001 | 110-97-422-41-001 | 110-99-422-41-001 | Fig. 13              | 27.8  | 10.16 | 12.6 |
| 24           | 110-13-424-41-001   | 110-91-424-41-001 | 110-93-424-41-001 | 110-97-424-41-001 | 110-99-424-41-001 | Fig. 14              | 30.4  | 10.16 | 12.6 |
| 28           | 110-13-428-41-001   | 110-91-428-41-001 | 110-93-428-41-001 | 110-97-428-41-001 | 110-99-428-41-001 | Fig. 15              | 35.5  | 10.16 | 12.6 |
| 32           | 110-13-432-41-001   | 110-91-432-41-001 | 110-93-432-41-001 | 110-97-432-41-001 | 110-99-432-41-001 | Fig. 16              | 40.6  | 10.16 | 12.6 |
| 10           | 110-13-610-41-001   | 110-91-610-41-001 | 110-93-610-41-001 | 110-97-610-41-001 | 110-99-610-41-001 | Fig. 16a             | 12.6  | 15.24 | 17.7 |
| 24*          | 110-13-624-41-001   | 110-91-624-41-001 | 110-93-624-41-001 | 110-97-624-41-001 | 110-99-624-41-001 | Fig. 17              | 30.4  | 15.24 | 17.7 |
| 28*          | 110-13-628-41-001   | 110-91-628-41-001 | 110-93-628-41-001 | 110-97-628-41-001 | 110-99-628-41-001 | Fig. 18              | 35.5  | 15.24 | 17.7 |
| 32*          | 110-13-632-41-001   | 110-91-632-41-001 | 110-93-632-41-001 | 110-97-632-41-001 | 110-99-632-41-001 | Fig. 19              | 40.6  | 15.24 | 17.7 |
| 36           | 110-13-636-41-001   | 110-91-636-41-001 | 110-93-636-41-001 | 110-97-636-41-001 | 110-99-636-41-001 | Fig. 20              | 45.7  | 15.24 | 17.7 |
| 40*          | 110-13-640-41-001   | 110-91-640-41-001 | 110-93-640-41-001 | 110-97-640-41-001 | 110-99-640-41-001 | Fig. 21              | 50.6  | 15.24 | 17.7 |
| 42           | 110-13-642-41-001   | 110-91-642-41-001 | 110-93-642-41-001 | 110-97-642-41-001 | 110-99-642-41-001 | Fig. 22              | 53.2  | 15.24 | 17.7 |
| 48*          | 110-13-648-41-001   | 110-91-648-41-001 | 110-93-648-41-001 | 110-97-648-41-001 | 110-99-648-41-001 | Fig. 23              | 60.9  | 15.24 | 17.7 |
| 50           | 110-13-650-41-001   | 110-91-650-41-001 | 110-93-650-41-001 | 110-97-650-41-001 | 110-99-650-41-001 | Fig. 24              | 63.4  | 15.24 | 17.7 |
| 52           | 110-13-652-41-001   | 110-91-652-41-001 | 110-93-652-41-001 | 110-97-652-41-001 | 110-99-652-41-001 | Fig. 25              | 65.9  | 15.24 | 17.7 |
| 50           | 110-13-950-41-001   | 110-91-950-41-001 | 110-93-950-41-001 | 110-97-950-41-001 | 110-99-950-41-001 | Fig. 26              | 63.4  | 22.86 | 25.3 |
| 52           | 110-13-952-41-001   | 110-91-952-41-001 | 110-93-952-41-001 | 110-97-952-41-001 | 110-99-952-41-001 | Fig. 27              | 65.9  | 22.86 | 25.3 |
| 64           | 110-13-964-41-001   | 110-91-964-41-001 | 110-93-964-41-001 | 110-97-964-41-001 | 110-99-964-41-001 | Fig. 28              | 81.1  | 22.86 | 25.3 |

**B** Products not available from stock. Please consult PRECI-DIP.