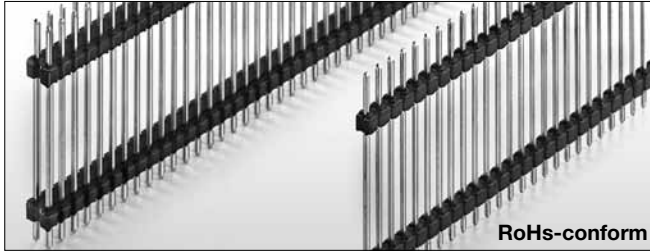
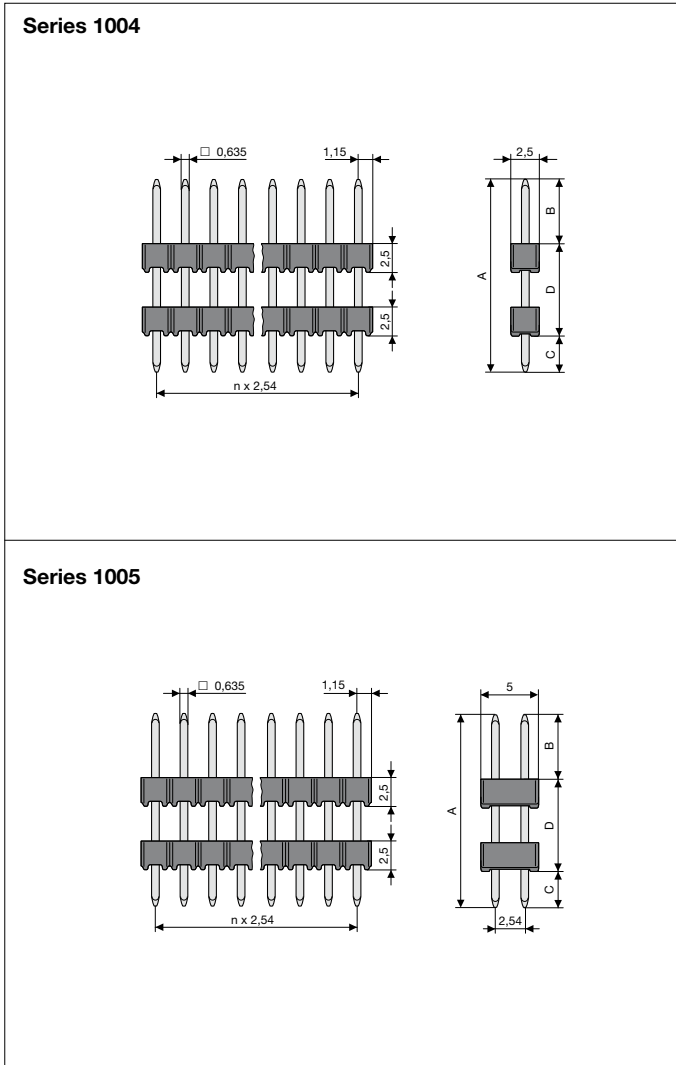


# 14 Pin Connector Pitch 2.54 mm Pin $\varnothing$ 0.635 mm



**Material** typical CuZn alloy  
**Surface** 2-3  $\mu$ m nickel, 5  $\mu$ m tin, 0,15  $\mu$ m gold  
**Insulator body** Thermopl. polyester glass-fibre reinforced, UL 94V0  
**Operation temper.** -55 up to 125 °C  
**Solder temperature** from 235°C acc. IEC 68-2-54 Ta  
**Solder heat resist.** up to 260°C 10 sec. acc. IEC 68-2-20 Tb  
**Rated voltage** 100 V<sub>RMS</sub> / 150 VDC  
**Insulation resistance** > 10<sup>10</sup>  $\Omega$   
**Air and creepage distance** > 1.9 mm  
**Moisture sensibility level (MSL)** J-STD-020C Level 1



| Pin No. | A    | B   | C   | D    | Pins | 5 $\mu$ m tin Sn100 | 0.15 $\mu$ m gold |
|---------|------|-----|-----|------|------|---------------------|-------------------|
| 13      | 17.8 | 5.7 | 3.2 | 8.9  | 40   | 1004-139-040        | 1004-131-040      |
| 14      | 18.6 | 5.7 | 3.2 | 9.7  | 40   | 1004-149-040        | 1004-141-040      |
| 15      | 21.6 | 5.7 | 3.2 | 12.7 | 40   | 1004-159-040        | 1004-151-040      |
| 16      | 24.1 | 5.7 | 3.2 | 15.2 | 40   | 1004-169-040        | 1004-161-040      |
| 17      | 26.7 | 5.7 | 3.2 | 17.8 | 40   | 1004-179-040        | 1004-171-040      |
| 18      | 29.2 | 5.7 | 3.2 | 20.3 | 40   | 1004-189-040        | 1004-181-040      |
| 36      | 31.7 | 5.7 | 3.2 | 22.8 | 40   | 1004-369-040        | 1004-361-040      |
| 19      | 34.3 | 5.7 | 3.2 | 25.4 | 40   | 1004-199-040        | 1004-191-040      |
| 20      | 39.4 | 5.7 | 3.2 | 30.5 | 40   | 1004-209-040        |                   |
| 22      | 16.5 | 3.2 | 3.2 | 10.1 | 40   | 1004-229-040        | 1004-221-040      |
| 23      | 17.8 | 3.2 | 3.2 | 11.4 | 40   | 1004-239-040        | 1004-231-040      |
| 24      | 18.6 | 3.2 | 3.2 | 12.1 | 40   | 1004-249-040        | 1004-241-040      |
| 25      | 21.6 | 3.2 | 3.2 | 15.2 | 40   | 1004-259-040        | 1004-251-040      |
| 26      | 24.1 | 3.2 | 3.2 | 17.7 | 40   | 1004-269-040        | 1004-261-040      |
| 27      | 26.7 | 3.2 | 3.2 | 20.3 | 40   | 1004-279-040        | 1004-271-040      |
| 28      | 29.2 | 3.2 | 3.2 | 22.8 | 40   | 1004-289-040        | 1004-281-040      |
| 37      | 31.7 | 3.2 | 3.2 | 25.3 | 40   | 1004-379-040        | 1004-371-040      |
| 29      | 34.3 | 3.2 | 3.2 | 27.9 | 40   | 1004-299-040        | 1004-291-040      |
| 30      | 39.4 | 3.2 | 3.2 | 33.0 | 40   | 1004-309-040        |                   |
|         |      |     |     |      |      |                     | Pins              |
| 13      | 17.8 | 5.7 | 3.2 | 8.9  | 80   | 1005-139-080        | 1005-131-080      |
| 14      | 18.6 | 5.7 | 3.2 | 9.7  | 80   | 1005-149-080        | 1005-141-080      |
| 15      | 21.6 | 5.7 | 3.2 | 12.7 | 80   | 1005-159-080        | 1005-151-080      |
| 16      | 24.1 | 5.7 | 3.2 | 15.2 | 80   | 1005-169-080        | 1005-161-080      |
| 17      | 26.7 | 5.7 | 3.2 | 17.8 | 80   | 1005-179-080        | 1005-171-080      |
| 18      | 29.2 | 5.7 | 3.2 | 20.3 | 80   | 1005-189-080        | 1005-181-080      |
| 36      | 31.7 | 5.7 | 3.2 | 22.8 | 80   | 1005-369-080        | 1005-361-080      |
| 19      | 34.3 | 5.7 | 3.2 | 25.4 | 80   | 1005-199-080        | 1005-191-080      |
| 20      | 39.4 | 5.7 | 3.2 | 30.5 | 80   | 1005-209-080        |                   |
| 22      | 16.5 | 3.2 | 3.2 | 10.1 | 80   | 1005-229-080        | 1005-221-080      |
| 23      | 17.8 | 3.2 | 3.2 | 11.4 | 80   | 1005-239-080        | 1005-231-080      |
| 24      | 18.6 | 3.2 | 3.2 | 12.1 | 80   | 1005-249-080        | 1005-241-080      |
| 25      | 21.6 | 3.2 | 3.2 | 15.2 | 80   | 1005-259-080        | 1005-251-080      |
| 26      | 24.1 | 3.2 | 3.2 | 17.7 | 80   | 1005-269-080        | 1005-261-080      |
| 27      | 26.7 | 3.2 | 3.2 | 20.3 | 80   | 1005-279-080        | 1005-271-080      |
| 28      | 29.2 | 3.2 | 3.2 | 22.8 | 80   | 1005-289-080        | 1005-281-080      |
| 37      | 31.7 | 3.2 | 3.2 | 25.3 | 80   | 1005-379-080        | 1005-371-080      |
| 29      | 34.3 | 3.2 | 3.2 | 27.9 | 80   | 1005-299-080        | 1005-291-080      |
| 30      | 39.4 | 3.2 | 3.2 | 33.0 | 80   | 1005-309-080        |                   |
|         |      |     |     |      |      |                     | Pins              |

We deliver the pins in every required number of poles. The insulator can be positioned in every place.

The pin lengths stated in the chart below are stock articles.

We manufacture more pin lengths order related from 60,000 pins.

### Single contact pin stock items

| A    | Sn/ $\mu$ m |      | Au/ $\mu$ m |  |
|------|-------------|------|-------------|--|
|      | 5           | 0.15 | 0.75        |  |
| 10.2 | x           | x    |             |  |
| 10.8 | x           | x    |             |  |
| 11.4 | x           | x    | x           |  |
| 12.4 | x           | x    |             |  |
| 13.5 | x           | x    |             |  |
| 14.7 |             | x    |             |  |
| 15.2 | x           | x    |             |  |
| 15.9 | x           |      |             |  |
| 16.5 | x           | x    |             |  |
| 17.8 | x           | x    |             |  |
| 18.6 | x           | x    |             |  |
| 19.1 | x           | x    |             |  |

| A    | Sn/ $\mu$ m |      | Au/ $\mu$ m |  |
|------|-------------|------|-------------|--|
|      | 5           | 0.15 | 0.75        |  |
| 19.8 | x           | x    |             |  |
| 21.6 | x           | x    |             |  |
| 24.1 | x           | x    |             |  |
| 26.7 | x           | x    |             |  |
| 29.2 | x           | x    |             |  |
| 31.7 | x           | x    |             |  |
| 34.3 | x           | x    |             |  |
| 39.4 | x           |      |             |  |

### Checklist

**Series**  1004  1005

**Pin length** A \_\_\_\_\_ B + C + D mm  
 B \_\_\_\_\_  
 C \_\_\_\_\_

**Surface**  tin plated  
 gold plated 0.15  $\mu$ m  
 gold plated 0.75  $\mu$ m

**Amount of pins** \_\_\_\_\_

**Demand** \_\_\_\_\_ pieces