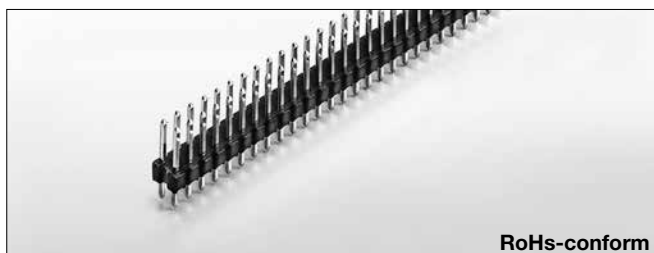


# 13 Pin Connector Pitch 2.54 mm Pin $\varnothing$ 0.635 mm



**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

**Series 1002**

Pin No.	A	B	C	Pins	5 $\mu$ m tin Sn100	0.15 $\mu$ m gold
11	10.2	5.2	2.5	80	1002-119-080	1002-111-080
12	10.8	5.8	2.5	80	1002-129-080	1002-121-080
13	11.4	6.4	2.5	80	1002-139-080	1002-131-080
14	12.4	7.4	2.5	80	1002-149-080	1002-141-080
15	10.8	5.1	3.2	80	1002-159-080	1002-151-080
16	11.4	5.8	3.1	80	1002-169-080	1002-161-080
17	12.4	6.9	3.0	80	1002-179-080	1002-171-080
18	13.5	8.0	3.0	80	1002-189-080	1002-181-080
38	14.7	9.0	3.2	80		1002-381-080
19	15.2	9.5	3.2	80		1002-191-080
39	15.9	10.2	3.2	80	1002-399-080	
20	16.5	10.8	3.2	80	1002-209-080	1002-201-080
21	17.8	12.1	3.2	80	1002-219-080	1002-211-080
22	18.6	12.9	3.2	80	1002-229-080	1002-221-080
40	19.1	13.4	3.2	80	1002-409-080	
41	19.8	14.1	3.2	80	1002-419-080	1002-411-080
23	21.6	15.9	3.2	80	1002-239-080	1002-231-080
24	24.1	18.4	3.2	80	1002-249-080	1002-241-080
25	13.5	5.7	5.3	80	1002-259-080	1002-251-080
26	15.2	5.7	7.0	80		1002-261-080
27	16.5	5.7	8.3	80	1002-279-080	1002-271-080
28	17.8	5.7	9.6	80	1002-289-080	1002-281-080
29	18.6	5.7	10.4	80	1002-299-080	1002-291-080
30	21.6	5.7	13.4	80	1002-309-080	1002-301-080
31	24.1	5.7	15.9	80	1002-319-080	1002-311-080
32	26.7	5.7	18.5	80	1002-329-080	1002-321-080
33	29.2	5.7	21.0	80	1002-339-080	1002-331-080
34	34.3	5.7	26.0	80	1002-349-080	1002-341-080
42	31.7	5.7	23.5	80	1002-429-080	1002-421-080
43	39.4	5.7	31.2	80	1002-439-080	

└ 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	Tin 5 $\mu$ m	Gold	
		0.15 $\mu$ m	0.75 $\mu$ m
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			
15.9	x		
16.5	x	x	
17.8	x	x	
18.6	x	x	
19.1	x		
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

**Pin length** A \_\_\_\_\_ B + C + 2.5 mm  
 B \_\_\_\_\_  
 C \_\_\_\_\_

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

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

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