

Socket Strips ODU -CART 254 / I, Series 517 for pin strips in cross - section 0,64 x 0,64 mm

2 - row, for horizontal and vertical assembly, grid spacing 2,54 mm

Short Description:

2 - row socket strips – designed for horizontal or vertical assembly on printed boards – fitting for the 2 - row pin strips ODU -CART 254 / I with pins 0,64 x 0,64 mm.

Contact points of sockets in the mating area are selectively gold - plated.

Contacts of horizontal version show 4 contact points, vertical version 2 contact points.

The version for vertical assembly can be plugged through and can be mated from both sides.

They can be used for printed boards up to 2,0 mm thickness.

Solder grid for horizontal version is 7,5 x 2,54 mm and for vertical version 4,0 x 2,54 mm.

Technical Data:

Insulation Material: PBT fibre glass reinforced

Contacts: Springhard Bronze Alloy

Surface: 0,5 μ m Au on 1,25 μ m Ni / MIL-G - 45204, cl. 00*)

*) Valid for contact pin in mating area

Remaining surface flash - gold or Sn on Ni.

Terminations: Solder Contacts

Contact Load: 5 A

Transition Resistance: ≤ 4 m Ω pin / socket

Insulation Resistance: > 1 G Ω

Test Voltage: 1500 V ~

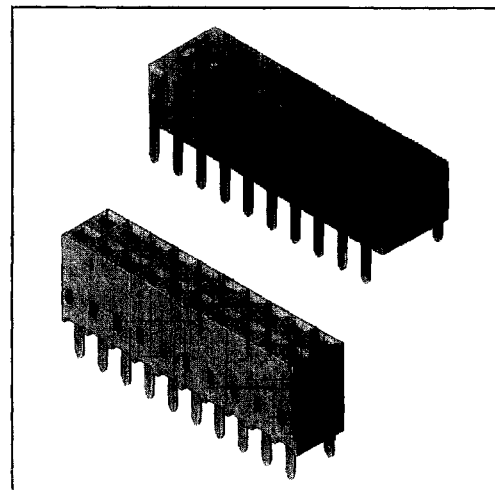
Temperature Area: - 40° C up to + 125° C

Humidity Load: 75 % rel. humidity, DIN 40 040 MIL-C - 21 097 B

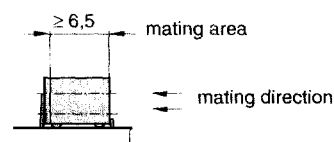
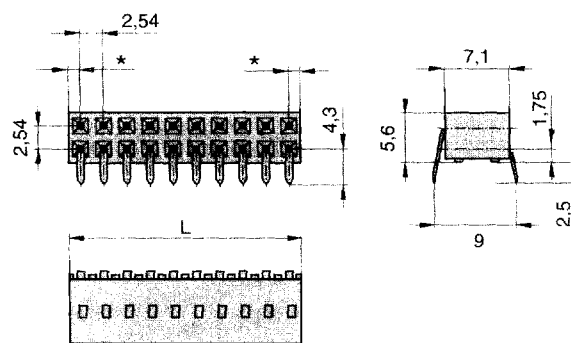
Thickness of pcb: up to 2,0 mm

Part Number Key see page 35

no. of poles	L = length	horizontal assembly	vertical assembly
		part - number	part - number
2	2,54	517.221.003.002	517.023.003.002
4	5,08	517.221.003.004	517.023.003.004
6	7,62	517.221.003.006	517.023.003.006
8	10,16	517.221.003.008	517.023.003.008
10	12,70	517.221.003.010	517.023.003.010
12	15,24	517.221.003.012	517.023.003.012
14	17,78	517.221.003.014	517.023.003.014
16	20,32	517.221.003.016	517.023.003.016
18	22,86	517.221.003.018	517.023.003.018
20	25,40	517.221.003.020	517.023.003.020
22	27,94	517.221.003.022	517.023.003.022
24	30,48	517.221.003.024	517.023.003.024
26	33,02	517.221.003.026	517.023.003.026
28	35,56	517.221.003.028	517.023.003.028
30	38,10	517.221.003.030	517.023.003.030
32	40,64	517.221.003.032	517.023.003.032
34	43,18	517.221.003.034	517.023.003.034
36	45,72	517.221.003.036	517.023.003.036
38	48,26	517.221.003.038	517.023.003.038
40	50,80	517.221.003.040	517.023.003.040
42	53,34	517.221.003.042	517.023.003.042
44	55,88	517.221.003.044	517.023.003.044
46	58,42	517.221.003.046	517.023.003.046
48	60,96	517.221.003.048	517.023.003.048
50	63,50	517.221.003.050	517.023.003.050
52	66,04	517.221.003.052	517.023.003.052
54	68,58	517.221.003.054	517.023.003.054
56	71,12	517.221.003.056	517.023.003.056
58	73,66	517.221.003.058	517.023.003.058
60	76,20	517.221.003.060	517.023.003.060

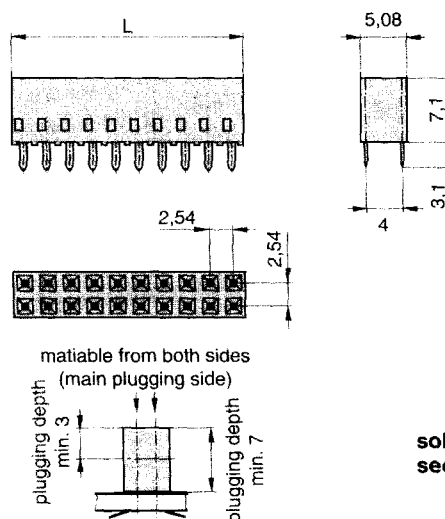


assembly dimensions for horizontal assembly



solder picture see page 39

assembly dimensions for vertical assembly



solder picture see page 39

up to 2,00 mm thickness of pcb

*) available in attachable version as well.