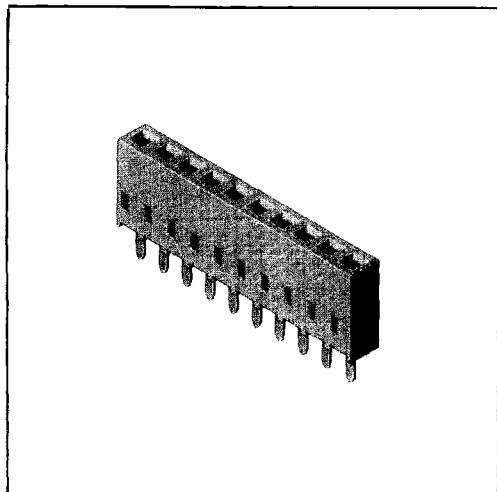


# Socket Strips ODU -CART 254/I, Series 517 for pin strips in cross - section 0,64 x 0,64 mm

1 - row, for vertical assembly with cranked solder tags, in solder grid 2,54 x 2,54 mm



## Short Description:

Socket Strips 1 - row with a solder grid of 2,54 x 2,54 mm are made for pcb's that require a grid spacing of 2,54 mm. They can be used for pcb's up to 2,0 mm.

The solder tags are cranked for this dimension.

They are fitting for the pin strips ODU -CART 254/I 1 - row with pins of a cross - section of 0,64 x 0,64 mm.

Contact points of the sockets are selectively gold - plated and the solder tags are tin - plated.

## Technical Data:

Insulation Material: PBT fibre glass reinforced

Contacts: Springhard Bronze Alloy

Surface: 0,5  $\mu$ m Au on 1,25  $\mu$ m Ni / MIL-G - 45 204, cl. 00\*)

\*) Valid for contact point in mating area

Remaining surface flash - gold or Sn on Ni.

Terminations: Solder Contacts

Contact Load: 5 A

Transition Resistance:  $\leq 4$  m  $\Omega$  pin / socket

Insulation Resistance:  $> 1$  G  $\Omega$

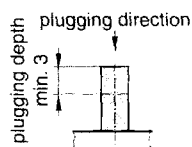
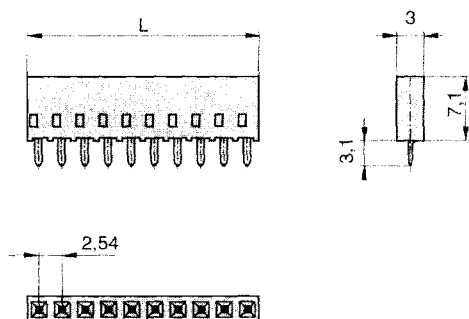
Test Voltage: 1500 V ~

Temperature Area:  $-40^{\circ}$  C up to  $+125^{\circ}$  C

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

Thickness of pcb: up to 2,0 mm

## assembly dimensions 1 - row



solder picture  
see page 39

## Part Number Key see page 35

## Socket Strip 1 - row

| no. of poles | L = length | part - number   |
|--------------|------------|-----------------|
| 1            | 2,54       | 517.032.003.001 |
| 2            | 5,08       | 517.032.003.002 |
| 3            | 7,62       | 517.032.003.003 |
| 4            | 10,16      | 517.032.003.004 |
| 5            | 12,70      | 517.032.003.005 |
| 6            | 15,24      | 517.032.003.006 |
| 7            | 17,78      | 517.032.003.007 |
| 8            | 20,32      | 517.032.003.008 |
| 9            | 22,86      | 517.032.003.009 |
| 10           | 25,40      | 517.032.003.010 |
| 11           | 27,94      | 517.032.003.011 |
| 12           | 30,48      | 517.032.003.012 |
| 13           | 33,02      | 517.032.003.013 |
| 14           | 35,56      | 517.032.003.014 |
| 15           | 38,10      | 517.032.003.015 |
| 16           | 40,64      | 517.032.003.016 |
| 17           | 43,18      | 517.032.003.017 |
| 18           | 45,72      | 517.032.003.018 |
| 19           | 48,26      | 517.032.003.019 |
| 20           | 50,80      | 517.032.003.020 |
| 21           | 53,34      | 517.032.003.021 |
| 22           | 55,88      | 517.032.003.022 |
| 23           | 58,42      | 517.032.003.023 |
| 24           | 60,96      | 517.032.003.024 |
| 25           | 63,50      | 517.032.003.025 |
| 26           | 66,04      | 517.032.003.026 |
| 27           | 68,58      | 517.032.003.027 |
| 28           | 71,12      | 517.032.003.028 |
| 29           | 73,66      | 517.032.003.029 |
| 30           | 76,20      | 517.032.003.030 |

\*) available in attachable version as well.