



Highlights

1 to 24 poles

Vertical pin strip

Spacing 5.08 mm

Inverted mating face

Suitable for Board-to Board contacting

Wire Sizes

| | |
|---------------------------|---|
| Solid min | - |
| Solid max | - |
| Stranded (flexible) min | - |
| Stranded (flexible) max | - |
| Stranded with ferrule min | - |
| Stranded with ferrule max | - |

Dimensions

| | |
|-------------------|--------|
| PCB hole diameter | 1.4 mm |
|-------------------|--------|

Materials

| | |
|----------------|--------|
| Contact spring | Bronze |
|----------------|--------|

Insulating Material

| | |
|--------------------|-----------|
| Material | PA 6.6 |
| Flammability class | UL 94 V-0 |

Temperatures

| | |
|-----------------------|--------------------------------------|
| Operating temperature | -40 °C (without mech. load) - 105 °C |
| Store temperature | -40 °C - 105 °C |

Wave Soldering Process

| | |
|------------------------------------|--------|
| Soldering temperature, recommended | 260 °C |
| Peak soldering time, recommended | 3-4 s |

Reflow Process

| | |
|------------------------------------|---|
| Soldering temperature, recommended | - |
| Peak soldering time, recommended | - |



Technical Data // **STLZ950/..-5.08-V-GREEN-INV**

Spacing 5.08 mm

Colours

GREEN, RAL 6018

LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions.
Special colours on request.

Ratings

| UseGroup | c  US | | |  |
|----------------------|--|---|---------|---|
| | B | C | D | |
| Rated voltage | 300 V | - | 300 V | 250 V |
| Rated current | 15 A | - | 10 A | 12 A |
| Overvoltage category | | | | III |
| Test voltage | 1.60 kV | - | 1.60 kV | 4.0 kV |
| Pollution degree | | | | 3 |

Counterparts (Spacing 5.08 mm)

Pin Strip/Terminal Block

| | | | | |
|---------|---------|---------|--------|---------|
| STLZ950 | STLZ990 | STLZ970 | AKZ950 | AKZS950 |
|---------|---------|---------|--------|---------|

In combination of connectors with different admission data, the lower value is valid.

Accessoires

| Figure | Designation | Article Number |
|---|------------------------------|----------------------|
|  | Coding Star CS4-5.0/5.08-RED | Art.-Nr. 50000000026 |

Spacing 5.08 mm

Order Data (Spacing 5.08 mm)

| Number of Poles | Width (mm) | Article Designation | Article Number | PU |
|-----------------|------------|-----------------------------|----------------|-----|
| 2 | 12.16 | STLZ950/2-5.08-V-GREEN-INV | 50950029121 F | 200 |
| 3 | 17.24 | STLZ950/3-5.08-V-GREEN-INV | 50950039121 F | 200 |
| 4 | 22.32 | STLZ950/4-5.08-V-GREEN-INV | 50950049121 F | 200 |
| 5 | 27.40 | STLZ950/5-5.08-V-GREEN-INV | 50950059121 E | 100 |
| 6 | 32.48 | STLZ950/6-5.08-V-GREEN-INV | 50950069121 E | 100 |
| 7 | 37.56 | STLZ950/7-5.08-V-GREEN-INV | 50950079121 E | 100 |
| 8 | 42.64 | STLZ950/8-5.08-V-GREEN-INV | 50950089121 D | 50 |
| 9 | 47.72 | STLZ950/9-5.08-V-GREEN-INV | 50950099121 D | 50 |
| 10 | 52.80 | STLZ950/10-5.08-V-GREEN-INV | 50950109121 D | 50 |
| 11 | 57.88 | STLZ950/11-5.08-V-GREEN-INV | 50950119121 D | 50 |
| 12 | 62.96 | STLZ950/12-5.08-V-GREEN-INV | 50950129121 D | 50 |
| 13 | 68.04 | STLZ950/13-5.08-V-GREEN-INV | 50950139121 D | 50 |
| 14 | 73.12 | STLZ950/14-5.08-V-GREEN-INV | 50950149121 D | 50 |
| 15 | 78.20 | STLZ950/15-5.08-V-GREEN-INV | 50950159121 D | 50 |
| 16 | 83.28 | STLZ950/16-5.08-V-GREEN-INV | 50950169121 D | 50 |
| 17 | 88.36 | STLZ950/17-5.08-V-GREEN-INV | 50950179121 D | 50 |
| 18 | 93.44 | STLZ950/18-5.08-V-GREEN-INV | 50950189121 D | 50 |
| 19 | 98.52 | STLZ950/19-5.08-V-GREEN-INV | 50950199121 D | 50 |
| 20 | 103.60 | STLZ950/20-5.08-V-GREEN-INV | 50950209121 D | 50 |
| 21 | 108.68 | STLZ950/21-5.08-V-GREEN-INV | 50950219121 D | 50 |
| 22 | 113.76 | STLZ950/22-5.08-V-GREEN-INV | 50950229121 D | 50 |
| 23 | 118.84 | STLZ950/23-5.08-V-GREEN-INV | 50950239121 D | 50 |
| 24 | 123.92 | STLZ950/24-5.08-V-GREEN-INV | 50950249121 D | 50 |



Spacing 5.08 mm

Technical drawing

