PTR HARTMANN
A Phoenix Mecano Company



| | |
|---|---|
| **Highlights** | |
| 2 to 12 poles | |
| Spacing 5.0 mm | |
| Horizontal pin strip | |
| Open ends | |
| Reflow soldering | |
| THR | |
| Pin length 2.6 mm | |
| Pin length 3.5 mm also available | |
| **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 pin | Copper Alloy |
| **Insulating Material** | |
| Material | PPA |
| Flammability class | UL 94 V-0 |
| **Temperatures** | |
| Operating temperature (without mech. load) | -40 °C - 105 °C |
| Store temperature | -40 °C - 105 °C |
| **Wave Soldering Process** | |
| Soldering temperature, recommended | 260 °C |
| Peak soldering time, recommended | 3-4 s |

Spacing 5.0 mm

## Reflow Process

| | |
|---|---|
| Soldering temperature, recommended | 217 - 245 °C |
| Peak soldering time, recommended | 60 s |

## Colours

BLACK, RAL 9011

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

## Ratings

| | | c UL us | | VDE |
|---|---|---|---|---|
| UseGroup | B | C | D | |
| Rated voltage | 300 V | 150 V | 300 V | 250 V |
| Rated current | 15 A | 15 A | 10 A | 12 A |
| Overvoltage category | | | | III |
| Test voltage | 1.60 kV | 1.30 kV | 1.60 kV | 4.0 kV |
| Pollution degree | | | | 3 |

## Counterparts (Spacing 5.0 mm)

Terminal Block

| | | | | | | |
|---|---|---|---|---|---|---|
| AK950 | AK955 | AK1100 | AK1110 | AK1200 | AK3950 | AK4951 |

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

## Accessoires

| Figure | Designation | Article Number |
|---|---|---|
|  | Coding Star CS2-5.0/5.08-LIGHT GREY-HT | Order Data: 50000000028 |

## Order Data (Spacing 5.0 mm)

| Number of Poles | Width (mm) | Article Designation | Article Number | PU |
|---|---|---|---|---|
| 2 | 10.00 | STL950/2-5.0-H-P2.6-BK-HT | 50950025317 F | 200 |
| 3 | 15.00 | STL950/3-5.0-H-P2.6-BK-HT | 50950035317 F | 200 |
| 4 | 20.00 | STL950/4-5.0-H-P2.6-BK-HT | 50950045317 F | 200 |
| 5 | 25.00 | STL950/5-5.0-H-P2.6-BK-HT | 50950055317 E | 100 |
| 6 | 30.00 | STL950/6-5.0-H-P2.6-BK-HT | 50950065317 E | 100 |
| 7 | 35.00 | STL950/7-5.0-H-P2.6-BK-HT | 50950075317 E | 100 |
| 8 | 40.00 | STL950/8-5.0-H-P2.6-BK-HT | 50950085317 D | 50 |
| 9 | 45.00 | STL950/9-5.0-H-P2.6-BK-HT | 50950095317 D | 50 |
| 10 | 50.00 | STL950/10-5.0-H-P2.6-BK-HT | 50950105317 D | 50 |
| 11 | 55.00 | STL950/11-5.0-H-P2.6-BK-HT | 50950115317 D | 50 |
| 12 | 60.00 | STL950/12-5.0-H-P2.6-BK-HT | 50950125317 D | 50 |

Spacing 5.0 mm

## Technical drawing

