product data sheet

item no. 25.332.4053.0

# PCB pin header 8113 S / 10 W OB

PCB pin header, connection method depends on used socket part ,
10 poles, pitch: 5 mm, type of packing: carton, color: grey



| | |
|---|---|
| item no. | 25.332.4053.0 |
| EAN | 4015573187108 |
| order unit | 50 piece(s) |

## certificates / approvals

## technical data

**general**

| | |
|---|---|
| modular spacing | 5 mm |
| connection type | soldering connection |
| soldering process | wave soldering |
| packaging | carton |
| number of poles | 10 |
| number of levels | 1 |
| integrated test socket | no |
| insulation plate | no |
| retaining pins | no |
| marking | no |
| fastening | none |
| mating direction towards (circuit) board | 180° |

**technical data**

| | |
|---|---|
| rated current | 12 A |
| overvoltage category I | 1000 V |
| overvoltage category II | 400 V |
| overvoltage category III | 250 V |
| rated impulse voltage | 4 kV |

**technical data UL/CSA**

| | |
|---|---|
| voltage UL | 300 V |
| current field wiring | 15 A |
| current factory wiring | 15 A |
| voltage CSA | 300 V |
| current CSA | 15 A |

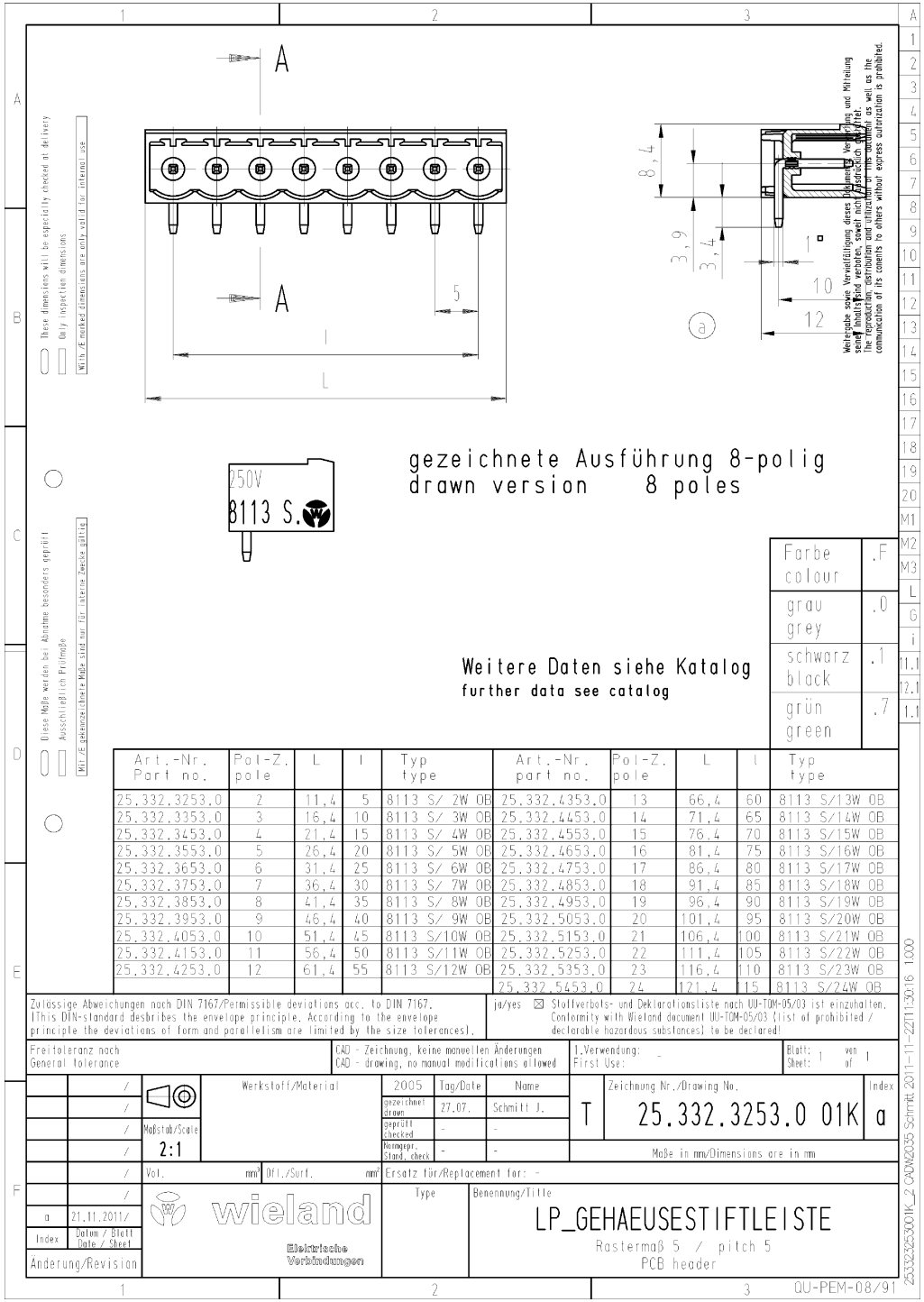
**other**

| | |
|---|---|
| type of insulation material | thermoplastic |
| color | grey |
| height | 8.4 mm |
| length | 51.4 mm |
| depth | 12 mm |
| material contact base | CuZn |
| material contact surface | Sn |

## assembly

| item no. | type | description |
|---|---|---|
| 25.220.4053.0 | PCB connector 8113 B / 10 TOP OB | PCB female connector with front/top screw connection, 10 poles, max. cross section: 2.5 mm², pitch: 5 mm, type of packing: carton, color: grey |
| 25.220.1053.0 | PCB connector 8113 B / 10 TOP | PCB female connector with front/top screw connection, 10 poles, printedversion, max. cross section: 2.5 mm², pitch: 5 mm, type of packing: carton, color: grey |
| 01.060.4053.0 | PCB connector 8113 BK / 10 OB | PCB female connector with Crimp connection, 10 poles, max. cross section: 2.5 mm², pitch: 5 mm, type of packing: carton, color: grey |
| 01.060.1053.0 | PCB connector 8113 BK / 10 | PCB female connector with Crimp connection, 10 poles, printed version, max. cross section: 2.5 mm², pitch: 5 mm, type of packing: carton, color: grey |
| 25.320.4053.0 | PCB connector 8113 B / 10 OB | PCB female connector with screw connection with rising cage clamp system, 10 poles, max. cross section: 2.5 mm², pitch: 5 mm, type of packing: carton, color: grey |
| 25.325.4053.0 | PCB connector 8113 B / 10 VR OB | PCB female connector with screw connection with rising cage clamp system, 10 poles, max. cross section: 2.5 mm², pitch: 5 mm, type of packing: carton, color: grey |
| 25.325.1053.0 | PCB connector 8113 B / 10 VR | PCB female connector with screw connection with rising cage clamp system, 10 poles, printed version, max. cross section: 2.5 mm², pitch: 5 mm, type of packing: carton, color: grey |
| 25.326.4053.0 | PCB connector 8113 B / 10 VL OB | PCB female connector with screw connection with rising cage clamp system, 10 poles, max. cross section: 2.5 mm², pitch: 5 mm, type of packing: carton, color: grey |
| 25.326.1053.0 | PCB connector 8113 B / 10 VL | PCB female connector with screw connection with rising cage clamp system, 10 poles, printed version, max. cross section: 2.5 mm², pitch: 5 mm, type of packing: carton, color: grey |
| 25.820.4053.0 | PCB connector 8113 BFK /10 TOP OB | PCB female connector with tension spring connection, 10 poles, max. cross section: 2.5 mm², pitch: 5 mm, type of packing: carton, color: grey |
| 25.820.1053.0 | PCB connector 8113 BFK /10 TOP | PCB female connector with tension spring connection, 10 poles, printed version, max. cross section: 2.5 mm², pitch: 5 mm, type of packing: carton, color: grey |

technical drawing




| Art.-Nr. Part no. | Pol-Z. pole | L | l | Typ type | Art.-Nr. part no. | Pol-Z. pole | L | l | Typ type |
|---|---|---|---|---|---|---|---|---|---|
| 25.332.3253.0 | 2 | 11,4 | 5 | 8113 S/ 2W OB | 25.332.4353.0 | 13 | 66,4 | 60 | 8113 S/13W OB |
| 25.332.3353.0 | 3 | 16,4 | 10 | 8113 S/ 3W OB | 25.332.4453.0 | 14 | 71,4 | 65 | 8113 S/14W OB |
| 25.332.3453.0 | 4 | 21,4 | 15 | 8113 S/ 4W OB | 25.332.4553.0 | 15 | 76,4 | 70 | 8113 S/15W OB |
| 25.332.3553.0 | 5 | 26,4 | 20 | 8113 S/ 5W OB | 25.332.4653.0 | 16 | 81,4 | 75 | 8113 S/16W OB |
| 25.332.3653.0 | 6 | 31,4 | 25 | 8113 S/ 6W OB | 25.332.4753.0 | 17 | 86,4 | 80 | 8113 S/17W OB |
| 25.332.3753.0 | 7 | 36,4 | 30 | 8113 S/ 7W OB | 25.332.4853.0 | 18 | 91,4 | 85 | 8113 S/18W OB |
| 25.332.3853.0 | 8 | 41,4 | 35 | 8113 S/ 8W OB | 25.332.4953.0 | 19 | 96,4 | 90 | 8113 S/19W OB |
| 25.332.3953.0 | 9 | 46,4 | 40 | 8113 S/ 9W OB | 25.332.5053.0 | 20 | 101,4 | 95 | 8113 S/20W OB |
| 25.332.4053.0 | 10 | 51,4 | 45 | 8113 S/10W OB | 25.332.5153.0 | 21 | 106,4 | 100 | 8113 S/21W OB |
| 25.332.4153.0 | 11 | 56,4 | 50 | 8113 S/11W OB | 25.332.5253.0 | 22 | 111,4 | 105 | 8113 S/22W OB |
| 25.332.4253.0 | 12 | 61,4 | 55 | 8113 S/12W OB | 25.332.5353.0 | 23 | 116,4 | 110 | 8113 S/23W OB |
| | | | | | 25.332.5453.0 | 24 | 121,4 | 115 | 8113 S/24W OB |

Zulässige Abweichungen nach DIN 7167/Permissible deviations acc. to DIN 7167.
(This DIN-standard desbribes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances).

ja/yes ☒ Stoffverbots- und Deklarationsliste nach WU-TOM-05/03 ist einzuhalten.
Conformity with Wieland document WU-TOM-05/03 (list of prohibited / declarable hazardous substances) to be declared!

Freitoleranz nach
General tolerance

CAD - Zeichnung, keine manuellen Änderungen
CAD - drawing, no manual modifications allowed

1.Verwendung:
First Use: -

Blatt: 1 von 1
Sheet: 1 of 1

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | / | Werkstoff/Material | 2005 | Tag/Date | Name | T | Zeichnung Nr./Drawing No. | Index |
| | / | | gezeichnet drawn | 27.07. | Schmitt J. | | 25.332.3253.0 01K | a |
| | / | Maßstab/Scale 2:1 | geprüft checked | - | - | | | |
| | / | | Normgepr. Stand. check | - | - | | Maße in mm/Dimensions are in mm | |
| | / | Vol. mm³ Ofl./Surf. mm² | Ersatz für/Replacement for: - | | | | | |
| a | 21.11.2011/ | wieland Elektrische Verbindungen | Type | Benennung/Title LP_GEHAEUSESTIFTLEISTE Rastermaß 5 / pitch 5 PCB header | | | | |
| Index | Datum / Blatt Date / Sheet | | | | | | | |
| Änderung/Revision | | | | | | | | |

QU-PEM-08/91

2533253001K_2 CADM2035 Schmitt 2011-11-22T11:30:16 1.000