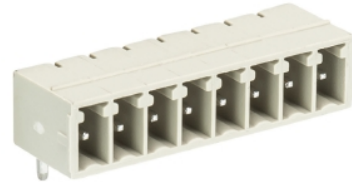


## Data sheet

Commercial Art.No.: 25.647.0753.0

PCB pin header 8513 S / 7 W OB

PCB pin header with pin header, connection method depends on used socket part , 7 poles, pitch: 3.5 mm, type of packing: carton, color: grey



Certificates / Approvals



## Technical data

### General

|                                          |                |
|------------------------------------------|----------------|
| Modular spacing                          | 3.5 mm         |
| Soldering process                        | Wave soldering |
| Packaging                                | Carton         |
| Number of poles                          | 7              |
| Number of levels                         | 1              |
| Marking                                  | No             |
| Fastening                                | None           |
| Mating direction towards (circuit) board | 180°           |

### Technical data

|                          |        |
|--------------------------|--------|
| Rated current            | 8 A    |
| Overvoltage Category I   | 690 V  |
| Overvoltage Category II  | 250 V  |
| Overvoltage Category III | 125    |
| Rated impulse voltage    | 2.5 kV |

### Technical Data UL/CSA

|                        |       |
|------------------------|-------|
| Voltage UL             | 300 V |
| Current field wiring   | 8 A   |
| Current factory wiring | 8 A   |
| Voltage CSA            | 300 V |
| Current CSA            | 5 A   |

### Other

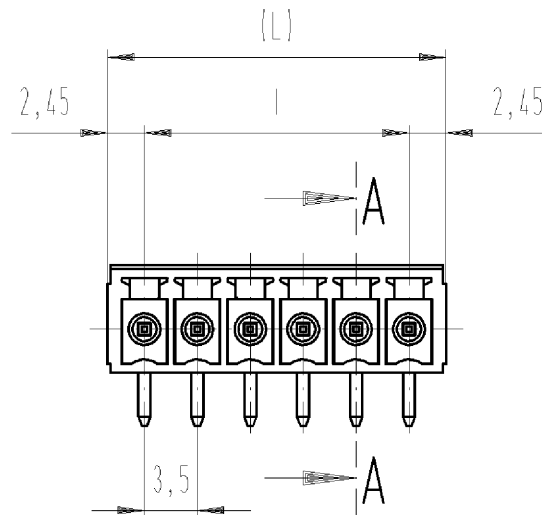
|                             |               |
|-----------------------------|---------------|
| Type of insulation material | Thermoplastic |
| Color                       | Grey          |
| Height                      | 7.15 mm       |
| Length                      | 25.9 mm       |
| Depth                       | 9.2 mm        |
| Material contact base       | CuZn          |
| Material contact surface    | Sn            |

|            |          |
|------------|----------|
| ECLASS 11  |          |
| ECLASS 8.1 | 27440402 |
| ETIM 7.0   | EC002637 |
| ETIM 6.0   | EC002637 |
| ETIM 5.0   | EC002637 |
| ETIM 4.0   | EC002637 |

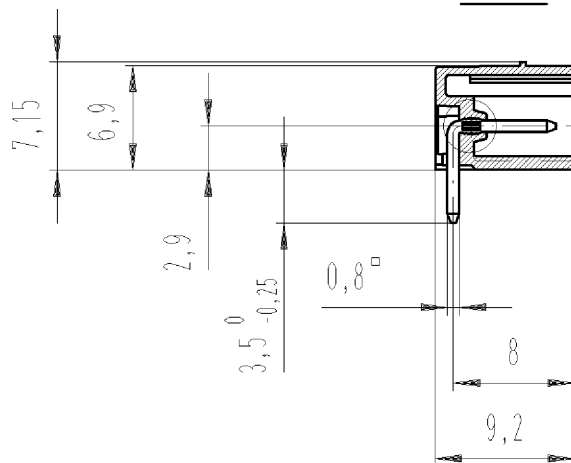
**Product compliance**

|                              |           |
|------------------------------|-----------|
| ROHS conformity status       | Compliant |
| REACH-SVHC conformity status | Compliant |

gezeichnete Ausführung: 25.647.0653.F  
drawn version : 25.647.0653.F



A-A



Weitere Daten siehe Katalog  
further data see catalog

| ○                 |                  | Artikel-Nr.<br>part-no.                                                             | Pol-<br>zahl<br>pole      | (L)                         | I                                           | Typ<br>type   | Artikel-Nr.<br>part-no.                                                                                   | Pol-<br>zahl<br>pole | (L)                                    | I    | Typ<br>type   |       |
|-------------------|------------------|-------------------------------------------------------------------------------------|---------------------------|-----------------------------|---------------------------------------------|---------------|-----------------------------------------------------------------------------------------------------------|----------------------|----------------------------------------|------|---------------|-------|
| .F                | Farbe<br>color   |                                                                                     |                           |                             |                                             |               | 25.647.1153.F                                                                                             | 11                   | 39.9                                   | 35.0 | 8513 S/11 W.  |       |
|                   |                  | 25.647.0253.F                                                                       | 2                         | 8.4                         | 3.5                                         | 8513 S/ 2 W.. | 25.647.1253.F                                                                                             | 12                   | 43.4                                   | 38.5 | 8513 S/12 W.. |       |
| .0                | grau<br>grey     | 25.647.0353.F                                                                       | 3                         | 11.9                        | 7.0                                         | 8513 S/ 3 W.. | 25.647.1353.F                                                                                             | 13                   | 46.9                                   | 42.0 | 8513 S/13 W.. |       |
|                   |                  | 25.647.0453.F                                                                       | 4                         | 15.4                        | 10.5                                        | 8513 S/ 4 W.. | 25.647.1453.F                                                                                             | 14                   | 50.4                                   | 45.5 | 8513 S/14 W.. |       |
|                   |                  | 25.647.0553.F                                                                       | 5                         | 18.9                        | 14.0                                        | 8513 S/ 5 W.. | 25.647.1553.F                                                                                             | 15                   | 53.9                                   | 49.0 | 8513 S/15 W.. |       |
| .1                | schwarz<br>black | 25.647.0653.F                                                                       | 6                         | 22.4                        | 17.5                                        | 8513 S/ 6 W.. | 25.647.1653.F                                                                                             | 16                   | 57.4                                   | 52.5 | 8513 S/16 W.. |       |
|                   |                  | 25.647.0753.F                                                                       | 7                         | 25.9                        | 21.0                                        | 8513 S/ 7 W.. | 25.647.1753.F                                                                                             | 17                   | 60.9                                   | 56.0 | 8513 S/17 W.. |       |
| .7                | grün<br>green    | 25.647.0853.F                                                                       | 8                         | 29.4                        | 24.5                                        | 8513 S/ 8 W.. | 25.647.1853.F                                                                                             | 18                   | 64.4                                   | 59.5 | 8513 S/18 W.. |       |
|                   |                  | 25.647.0953.F                                                                       | 9                         | 32.9                        | 28.0                                        | 8513 S/ 9 W.. | 25.647.1953.F                                                                                             | 19                   | 67.9                                   | 63.0 | 8513 S/19 W.. |       |
|                   |                  | 25.647.1053.F                                                                       | 10                        | 36.4                        | 31.5                                        | 8513 S/10 W.. | 25.647.2053.F                                                                                             | 20                   | 71.4                                   | 66.5 | 8513 S/20 W.. |       |
| Freitoleranz nach |                  |                                                                                     |                           |                             | CAD - Zeichnung, keine manuellen Änderungen |               |                                                                                                           | 1.Verwendung: -      |                                        |      | Bl.: 1 von 1  |       |
|                   | /                | Maßstab<br><br>2:1                                                                  | Werkstoff und Oberfläche: |                             | 2004                                        | Tag           | Name                                                                                                      | T                    | Zeichnung Nr.<br><br>25.647.0253.0 01K |      |               | Index |
|                   | /                |                                                                                     |                           |                             | Entworfen                                   | 13.05.        | Schmitt J.                                                                                                |                      |                                        |      |               |       |
|                   | /                |                                                                                     |                           |                             | Geprüft                                     | -             | -                                                                                                         |                      |                                        |      |               |       |
|                   | /                | Vol.                                                                                | mm³                       | Ofl.                        | mm²                                         | Normgepr.     | -                                                                                                         | -                    | Ersatz für: -                          |      |               |       |
|                   | /                |  | wieland                   |                             | TYP<br>8513 S /<br>2-20 W                   |               | Benennung<br><br>LP_STIFTLISTE<br><br>mit Steck- und Lötanschluß, Rastermaß 3,5<br>PCB headers, pitch 3.5 |                      |                                        |      |               |       |
|                   | /                |                                                                                     |                           |                             |                                             |               |                                                                                                           |                      |                                        |      |               |       |
| Buchstabe         | Datum / Blatt    |                                                                                     |                           |                             |                                             |               |                                                                                                           |                      |                                        |      |               |       |
| Änderung          |                  |                                                                                     |                           | Elektrische<br>Verbindungen |                                             |               |                                                                                                           |                      |                                        |      |               |       |

Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts sind verboten, soweit nicht ausdrücklich gestattet. Die Reproduktion, Distribution und Nutzung dieses Dokuments ist ohne schriftliche Genehmigung der Wieland-Werk AG.

256470253001K\_4 CADW28 Schmitt 2004-05-13T15:25:26 1.000