

Data sheet

Commercial Art.No.: 25.648.3653.0

PCB pin header 8513 / 6 SU OB

PCB pin header with screw connection with rising cage clamp system, 6 poles, max. cross section: 1.5 mm², pitch: 3.5 mm, type of packing: carton, color: grey



| | |
|--------------------|---------------|
| Commercial Art.No. | 25.648.3653.0 |
| EAN | 4015573818408 |
| Order Unit | 50 |

Certificates / Approvals



Technical data

General

| | |
|------------------------------------|------------------|
| Modular spacing | 3.5 mm |
| Connection type | screw connection |
| Soldering process | None |
| Packaging | Carton |
| Number of poles | 6 |
| Marking | No |
| Fastening | None |
| Mating direction towards connector | 180° |

Technical data

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|--------------------------|---------------------|
| Nominal cross section | 1.5 mm ² |
| Rated current | 8 A |
| Overvoltage Category I | 690 V |
| Overvoltage Category II | 250 V |
| Overvoltage Category III | 125 |
| Rated impulse voltage | 2.5 kV |
| Wire strip length | 6.5 mm |

Connection Data

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|-------------------------------------|----------------------|
| Minimum cross section solid | 0.14 mm ² |
| Maximum cross section solid | 1.5 mm ² |
| Minimum cross section fine stranded | 0.14 mm ² |
| Maximum cross section fine stranded | 1.5 mm ² |
| Wire strip length | 6.5 mm |

Technical Data UL/CSA

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|------------------|-----------|
| Cross section UL | 24-16 AWG |
|------------------|-----------|

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|------------------------|-----------|
| Voltage UL | 300 V |
| Current field wiring | 8 A |
| Current factory wiring | 8 A |
| Cross section CSA | 24-16 AWG |
| Voltage CSA | 300 V |
| Current CSA | 5 A |

Other

| | |
|-----------------------------|---------------|
| Type of insulation material | Thermoplastic |
| Color | Grey |
| Height | 11.1 mm |
| Length | 22.4 mm |
| Depth | 17.8 mm |
| Material attachment screw | Steel |
| Material contact base | Steel |
| Material contact surface | Sn |

Classification

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

Product compliance

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|------------------------------|--------------------|
| ROHS conformity status | Compliant/Exempted |
| ROHS exceptions | III-6(c) |
| REACH-SVHC conformity status | Duty-To-Declare |
| REACH-SVHC substances | Lead |
| REACH-SVHC CAS numbers | 7439-92-1 |

Fits with

| Commercial Art.No.: | Article-type description: | Description: |
|---------------------|-----------------------------|---|
| 25.640.3653.0 | PCB connector 8513 B / 6 OB | PCB female connector with screw connection with rising cage clamp system, 6 poles, max. cross section: 1.5 mm ² , pitch: 3.5 mm, type of packing: carton, color: grey |
| 25.640.0653.0 | PCB connector 8513 B / 6 | PCB female connector with screw connection with rising cage clamp system, 6 poles, printed version, max. cross section: 1.5 mm ² , pitch: 3.5 mm, type of packing: carton, color: grey |