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wiecon Type 8513 SU
PCB pin header with screw connection

Characteristics

- Pin header with screw connection in rising cage technology and with 3.50 mm spacing
- Mates with 8513 B connectors
- Conductor cross sections up to 1.50 mm²
- 2 – 20 pole designs
- Can be coded using standard coding pieces
- Space for markings
- 3.50 mm spacing
- Color pebble gray (similar to RAL 7032)

Advantages

- High packing density
- Enables cable couplings
- Mismating avoided by closed design and coding option
- Design compatible with 8513 SUFK

Description	
wiecon Type 8513 SU	
PC board pin header with screw connection in spring cage technology	
Design	monolithic
Spacing	3.5 mm
Number of poles	2 – 20
Rated current	8 A UL 5 A CSA
Rated voltage	
Overvoltage category III / Pollution degree 3	125 V (DIN EN 60664-1)
Overvoltage category II / Pollution degree 2	250 V (DIN EN 60664-1)
UL, CSA, B, D	300 V
Rated peak voltage	2.5 kV
Pin dimensions	0.8 x 0.8 mm
Pollution degree	3
Material	PA 66
Temperature range	-40 °C – + 105 °C
Flammability according to UL 94	V0
Conductor	
– Rated cross section	1.5 mm²
– Wire range	0.14 – 1.5 mm² solid/fine-stranded
– Insulation strip length	6.5 mm
Torque	0.2 Nm
Recommended tightening torque	0.2 – 0.3 Nm
Approvals	CSA, UL, VDE

CUSTOMERINFORMATION

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wieland

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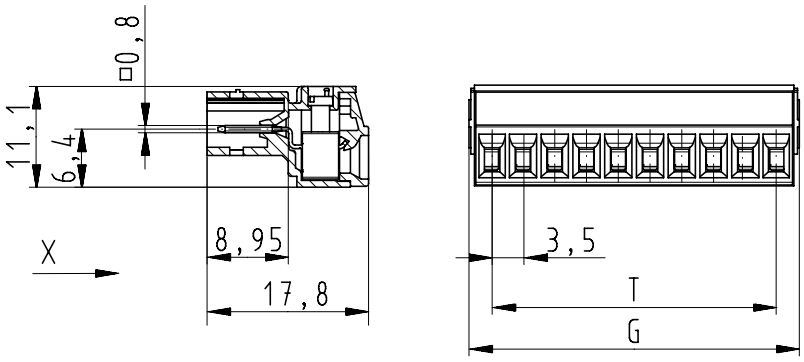
Technical information

Dimensions



Poles	L [mm]
10	36.4

Type	Part No.	Type	Part No.
8513/2 SU OB	25.648.3253.0	8513/14 SU OB	25.648.4453.0
8513/3 SU OB	25.648.3353.0	8513/15 SU OB	25.648.4553.0
8513/4 SU OB	25.648.3453.0	8513/16 SU OB	25.648.4653.0
8513/5 SU OB	25.648.3553.0	8513/17 SU OB	25.648.4753.0
8513/6 SU OB	25.648.3653.0	8513/18 SU OB	25.648.4853.0
8513/7 SU OB	25.648.3753.0	8513/19 SU OB	25.648.4953.0
8513/8 SU OB	25.648.3853.0	8513/20 SU OB	25.648.5053.0
8513/9 SU OB	25.648.3953.0		
8513/10 SU OB	25.648.4053.0		
8513/11 SU OB	25.648.4153.0		
8513/12 SU OB	25.648.4253.0		
8513/13 SU OB	25.648.4353.0		

Industrial technology

Solutions for the control cabinet
- DIN rail terminal blocks
  - Screw, spring clamp or IDC connection technology
  - Wire cross sections up to 240 mm²
  - Numerous special functions
  - Software solutions interfacing to CAE systems
- Safety
  - Safety sensors
  - Safety relays
  - Modular safety systems with fieldbus link
- PLC and fieldbus components
  - Standard applications in IP20
  - Increased environmental conditions with railroad and ship approvals
- Interface
  - Coupling relays, semiconductor switches
  - Measuring and monitoring relays
  - Timer and switching relays
  - Analog modules
  - Passive interfaces
  - Power supply units
  - Overvoltage protection

Solutions for field applications
- Remote automation technology
  - Power distribution
  - Fieldbus interfaces and motor starters
- Connectors for industrial applications
  - Square and round connectors
  - Aluminum or plastic housings
  - Degree of protection up to IP68
  - Current-carrying capacity up to 100 A
  - Connectors for hazardous areas
  - Modular, application specific technology

PC board terminals and connectors
- Screw or spring clamp connection technology
- Spacings: 3.5 mm to 10.16 mm
- Reflow or wave soldering process

Building and installation technology
- Building installation systems
  - Main power supply connectors IP20/IP65 ... IP68
  - Bus connectors
  - Combined connectors
  - Low-voltage connectors
  - Power distribution system with flat cables
  - Distribution systems
  - Bus systems in KNX, LON and radio technology
  - DIN rail terminal blocks for electrical installations
  - Overvoltage protection