

# SEK-18 SV MA STD STR29 16P PLS4 KINK



Part number	09 18 516 5024
Specification	SEK-18 SV MA STD STR29 16P PLS4 KINK
HARTING eCatalogue	https://b2b.harting.com/09185165024

Image is for illustration purposes only. Please refer to product description.

### Identification

Category	Connectors
Series	SEK Standard
Element	Male connector
Description of the contact	Straight Kinked

#### Version

Termination method	Wave soldering termination
Connection type	PCB to cable
Number of contacts	16
Termination length	2.9 mm
Details	Through kinked contacts, connectors are simultaneously fixed on the PCB during assembly. They represent a particularly inexpensive alternative, since otherwise usual fixing elements such as screws, rivets or clips are not required.

### **Technical characteristics**

Contact rows	2
Contact spacing (termination side)	2.54 mm
Rated current	1 A
Insulation resistance	>10 <sup>9</sup> Ω
Contact resistance	≤20 mΩ
Limiting temperature	-55 +125 °C
Insertion and withdrawal force	≤32 N
Performance level	NM 30 (S4)

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### Technical characteristics

Mating cycles	≥250
Test voltage U <sub>r.m.s.</sub>	1 kV
Isolation group	IIIa (175 ≤ CTI < 400)
PCB thickness	1.5 mm +0.44

## Material properties

Material (insert)	Thermoplastic resin (PBT)
Colour (insert)	Grey
Material (contacts)	Copper alloy
Surface (contacts)	Noble metal over Ni Mating side Sn over Ni Termination side
Layer thickness	≥0.76 µm
Layer thickness	≥30 µinch
Material flammability class acc. to UL 94	V-0
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Yes
California Proposition 65 substances	Antimony trioxide Lead Nickel
	Antimony trioxide Lead
California Proposition 65 substances	Antimony trioxide Lead Nickel
California Proposition 65 substances Requirement set with Hazard Levels	Antimony trioxide Lead Nickel
California Proposition 65 substances Requirement set with Hazard Levels Specifications and approvals	Antimony trioxide Lead Nickel R26
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California Proposition 65 substances Requirement set with Hazard Levels Specifications and approvals Specifications UL / CSA	Antimony trioxide   Lead   Nickel   R26   IEC 60603-13   UL 1977 ECBT2.E102079   CSA-C22.2 No. 182.3 ECBT8.E102079
California Proposition 65 substances Requirement set with Hazard Levels Specifications and approvals Specifications UL / CSA Railway classification	Antimony trioxide   Lead   Nickel   R26   IEC 60603-13   UL 1977 ECBT2.E102079   CSA-C22.2 No. 182.3 ECBT8.E102079

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## Commercial data

Country of origin

European customs tariff number

eCl@ss

Switzerland

85366990

27460201 PCB connector (board connector)

### Cross section of solder termination

