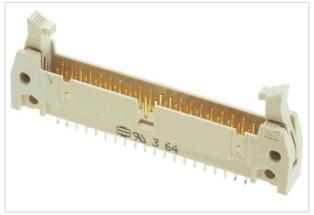


# SEK-18 SV MA STD STR29 RKZ 20PPLS4KINK



Part number	09 18 520 5014
Specification	SEK-18 SV MA STD STR29 RKZ 20PPLS4KINK
HARTING eCatalogue	https://b2b.harting.com/09185205014

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	20
Termination length	2.9 mm
Locking type	With short levers
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	≤40 N

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### Technical characteristics

Performance level	NM 30 (S4)
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
Requirement set with Hazard Levels	R26

## Specifications and approvals

Specifications	IEC 60603-13
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
Railway classification	F3/I3
Commercial data	
Packaging size	100

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### Commercial data

Net weight

Country of origin

8.55 g

Switzerland

European customs tariff number

eCl@ss

85366990

27460201 PCB connector (board connector)

Cross section of solder termination

