

# SEK-18 SV MA STD STR29 RKZ 50P PL2 KINK



	Part number	09 18 550 6014
	Specification	SEK-18 SV MA STD STR29 RKZ 50P PL2 KINK
	HARTING eCatalogue	https://b2b.harting.com/09185506014

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	50
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	≤100 N

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## Technical characteristics

Performance level	2
	acc. to IEC 60603-13
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	
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	

- p		
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079	
Railway classification	F3/I3	
Commercial data		
Packaging size	50	
Net weight	16 g	
Country of origin	Switzerland	

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Commercial data

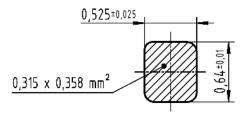
European customs tariff number

eCl@ss

85366990

27460201 PCB connector (board connector)

#### Cross section of solder termination



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