Product data sheet
09 18 560 7014
SEK-18 SV MA STD STR29 RKZ 60P PL3 KINK
This product is not orderable anymore. Please contact your local distribution partner.

HARTING

Pushing Performance
Since 1945

SEK-18 SV MA STD STR29 RKZ 60P PL3 KINK
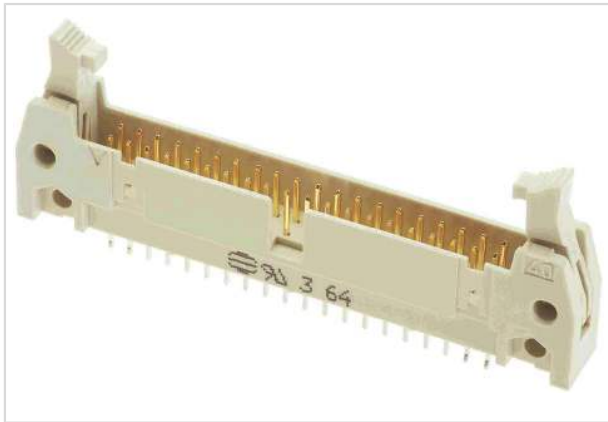

Image is for illustration purposes only. Please refer to product description.

Part number	09 18 560 7014
Specification	SEK-18 SV MA STD STR29 RKZ 60P PL3 KINK
HARTING eCatalogue	https://b2b.harting.com/09185607014

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	60
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	$>10^9$ Ω
Contact resistance	≤20 mΩ
Limiting temperature	-55 ... +125 °C
Insertion and withdrawal force	≤180 N

Page 1 / 3 | Creation date 2023-04-22 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.
HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany
Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com

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Technical characteristics

Performance level	3
	acc. to IEC 60603-13
Mating cycles	≥50
Test voltage $U_{r.m.s.}$	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
UL / CSA	UL 1977 ECBT2.E102079
	CSA-C22.2 No. 182.3 ECBT8.E102079
Railway classification	F3/I3

Commercial data

Packaging size	100
Net weight	18 g
Country of origin	Switzerland

Page 2 / 3 | Creation date 2023-04-22 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.
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Commercial data

European customs tariff number	85366990
eCl@ss	27460201 PCB connector (board connector)

Cross section of solder termination

0,525 ±0,025

0,64 ±0,01

0,315 x 0,358 mm²

Page 3 / 3 | Creation date 2023-04-22 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.
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