

# SEK-18 SV FE TYPA 14P PL2



Part number	09 18 514 6803
Specification	SEK-18 SV FE TYPA 14P PL2
HARTING eCatalogue	https://b2b.harting.com/09185146803

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

### Identification

Category	Connectors
Series	SEK
Element	Female connector

### Version

Connection type	PCB to cable
Number of contacts	14
Details	for IDC flat cable 1.27 mm (0.050") pitch AWG 28/7 - AWG 26/7

## **Technical characteristics**

Contact rows	2
Contact spacing (termination side)	2.54 mm
Contact spacing (mating side)	1.27 mm
Rated current	2.5 A
Insulation resistance	>10 <sup>9</sup> Ω
Contact resistance	≤20 mΩ
Limiting temperature	-55 +125 °C
Insertion force	≤28 N
Withdrawal force	≤28 N
Performance level	2 acc. to IEC 60603-13
Mating cycles	≥250

Page 1 / 3 | Creation date 2024-05-04 | 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 Product data sheet 09 18 514 6803 SEK-18 SV FE TYPA 14P PL2



#### Technical characteristics

Test voltage U <sub>r.m.s.</sub>	1 kV
Isolation group	Illa (175 ≤ CTI < 400)
Material properties	
Material (insert)	Thermoplastic resin (PBT)
Colour (insert)	Grey
Material (contacts)	Copper alloy
Surface (contacts)	Au 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
	Nickel
Fire protection on railway vehicles	Nickel EN 45545-2 (2020-08)
Fire protection on railway vehicles Requirement set with Hazard Levels	EN 45545-2 (2020-08)
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Fire protection on railway vehicles Requirement set with Hazard Levels Specifications and approvals	EN 45545-2 (2020-08) R26
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Page 2 / 3 | Creation date 2024-05-04 | 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 Product data sheet 09 18 514 6803 SEK-18 SV FE TYPA 14P PL2



Commercial data

eCl@ss

27460202 PCB connector (conductor connection)

Page 3 / 3 | Creation date 2024-05-04 | 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