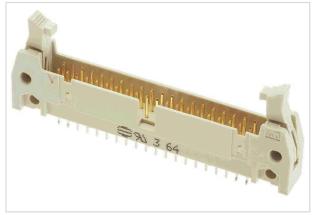


SEK-18 SV MA STD STR29 RKZ 16P PL3 KINK



F	Part number	09 18 516 7014
ŝ	Specification	SEK-18 SV MA STD STR29 RKZ 16P PL3 KINK
ł	HARTING eCatalogue	https://b2b.harting.com/09185167014

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
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	≤48 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



Technical characteristics

Performance level	3
r enormance level	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	

UL / CSA	CSA-C22.2 No. 182.3 ECBT8.E102079
Railway classification	F3/I3
Commercial data	
Packaging size	100
Net weight	7.4 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. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com Product data sheet 09 18 516 7014 SEK-18 SV MA STD STR29 RKZ 16P PL3 KINK This product is not orderable anymore. Please contact your local distribution partner.



Commercial data

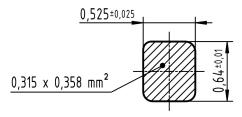
European customs tariff number

eCl@ss

85366990

27460201 PCB connector (board connector)

Cross section of solder termination



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. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com