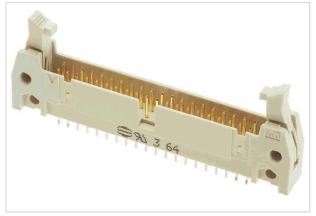


SEK-18 SV MA STD STR29 RKZ 50P PL3 KINK



	Part number	09 18 550 7014
	Specification	SEK-18 SV MA STD STR29 RKZ 50P PL3 KINK
	HARTING eCatalogue	https://b2b.harting.com/09185507014

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 ⁹ Ω
Contact resistance	≤20 mΩ
Limiting temperature	-55 +125 °C
Insertion and withdrawal force	≤150 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
	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 1977 ECBT2.E102079	

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	15.8 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



Commercial data

European customs tariff number

GTIN

eCl@ss

85366990

5713140034334

27460201 PCB connector (board connector)

Cross section of solder termination

