

SEK-19 SV HT MA STD STR29 10P PL3 KINK



Part number	09 19 510 7024
Specification	SEK-19 SV HT MA STD STR29 10P PL3 KINK

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	Reflow soldering termination (THR)
Connection type	PCB to cable
Number of contacts	10
Termination length	2.9 mm

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 (during reflow soldering max. +240 °C for 60 s)
Performance level	3 acc. to IEC 60603-13
Mating cycles	≥50
Test voltage U _{r.m.s.}	1 KV

Page 1 / 2 | Creation date 2024-04-27 | 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 19 510 7024 SEK-19 SV HT MA STD STR29 10P PL3 KINK This product is not orderable anymore. Please contact your local distribution partner.



Technical characteristics

Isolation group	II (400 \leq CTI $<$ 600)
PCB thickness	1.5 mm +0.44
Matarial proportion	
Material properties	
Material (insert)	Thermoplastic resin (PCT)
Colour (insert)	Beige
Material (contacts)	Copper alloy
Surface (contacts)	Noble metal over Ni Mating side

Surace (contacts)	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
Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	R26

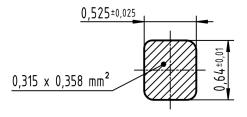
Specifications and approvals

Specifications	IEC 60603-13
UL / CSA	UL 1977 ECBT2.E102079
	CSA-C22.2 No. 182.3 ECBT8.E102079

Commercial data

Packaging size	1
ETIM	EC002637
eCl@ss	27460201 PCB connector (board connector)

Cross section of solder termination



Page 2 / 2 | Creation date 2024-04-27 | 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

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