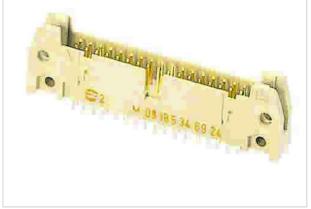


SEK-19 SV MA STD STR29 10P PLS4 KINK



Part number	09 19 510 5024
Specification	SEK-19 SV MA STD STR29 10P PLS4 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	NM 30 (S4)
Mating cycles	≥250
Test voltage U _{r.m.s.}	1 kV
Isolation group	II (400 ≤ CTI < 600)

Page 1/3 | 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 5024 SEK-19 SV MA STD STR29 10P PLS4 KINK This product is not orderable anymore. Please contact your local distribution partner.



Technical characteristics

PCB thickness	1.5 mm +0.44		
Material properties			
Material (insert)	Thermoplastic resin (PCT)		
Colour (insert)	Beige		
Material (contacts)	Copper alloy		
Surface (contacts)	Noble metal over Ni Mating side Sn over Ni Termination side		
Layer thickness	≥0.76 µm		
Layer thickness	≥30 µinch		
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

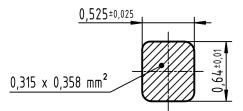
Packaging size	1
ETIM	EC002637
eCl@ss	27460201 PCB connector (board connector)

Page 2 / 3 | 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



Cross section of solder termination



Page 3 / 3 | 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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

HARTING:

09195105024