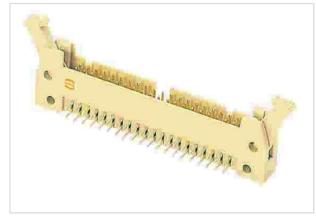


# SEK-19 SV HT MA STD ANG29 RLG 20P PLS4



Part number	09 19 520 5903
Specification	SEK-19 SV HT MA STD ANG29 RLG 20P PLS4
HARTING eCatalogue	https://b2b.harting.com/09195205903

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

#### Identification

Category	Connectors
Series	SEK Standard
Element	Male connector
Description of the contact	Angled

#### Version

Termination method	Reflow soldering termination (THR)
Connection type	PCB to cable
Number of contacts	20
Termination length	2.9 mm
Locking type	With long levers

## Technical characteristics

Contact rows	2
Contact spacing (termination side)	2.54 mm
Rated current	1 A
Insulation resistance	>10 <sup>9</sup> Ω
Contact resistance	≤20 mΩ
Limiting temperature	-55 +125 °C (during reflow soldering max. +240 °C for 60 s)
Insertion and withdrawal force	≤40 N
Performance level	NM 30 (S4)
Mating cycles	≥250
Test voltage U <sub>r.m.s.</sub>	1 kV

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



### Technical characteristics

Isolation group	II (400 ≤ CTI < 600)			
Material properties				
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			
California Proposition 65 substances	Yes			
California Proposition 65 substances	Lead Nickel			
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	100			
Net weight	8.4 g			
Country of origin	Romania			
European customs tariff number	85366990			
GTIN	5713140037052			
ETIM	EC002637			

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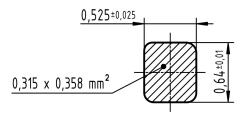


Commercial data

eCl@ss

27460201 PCB connector (board connector)

Cross section of solder termination



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