

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



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

Part number	09 19 520 5923
Specification	SEK-19 SV HT MA STD ANG29 20P PLS4
HARTING eCatalogue	<a href="https://harting.com/09195205923">https://harting.com/09195205923</a>

### 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

### 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 force	≤40 N
Withdrawal force	≤40 N
Performance level	NM 30 (S4)
Mating cycles	≥250
Test voltage U <sub>r.m.s.</sub>	1 kV

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## Technical characteristics

Isolation group	II (400 ≤ CTI < 600)
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## 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	7.65 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140037076
eCl@ss	27460201 PCB connector (board connector)

## Commercial data

ETIM	EC002637
UNSPSC 24.0	39121415

## Cross section of solder termination

