



Pushing Performance  
Since 1945

# SEK-19 SV MA STD STR29 RLG 16PPLS4KINK



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

Part number	09 19 516 5004
Specification	SEK-19 SV MA STD STR29 RLG 16PPLS4KINK

## 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	16
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	$>10^9 \Omega$
Contact resistance	$\leq 20 \text{ m}\Omega$
Limiting temperature	-55 ... +125 °C (during reflow soldering max. +240 °C for 60 s)
Performance level	NM 30 (S4)
Mating cycles	$\geq 250$
Test voltage $U_{r.m.s.}$	1 kV



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## Technical characteristics

Isolation group	II ( $400 \leq CTI < 600$ )
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	$\geq 0.76 \mu\text{m}$
Layer thickness	$\geq 30 \mu\text{inch}$
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
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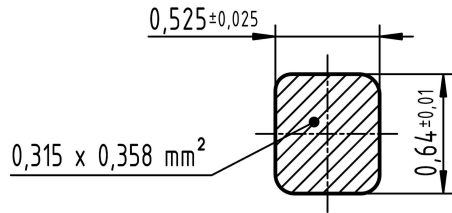
## Commercial data

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



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Cross section of solder termination



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